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REGION 8 LABORATORY
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Ref: 8TMS-L

MEMORANDUM

SUBJECT: Analytical Results--- **Pavillion 2011 #1 / 1104024**

FROM: Jesse Kiernan, Organic Chemist
Vicente Martí, Organic and Inorganic Chemist
William H. Batschelet, PhD, Laboratory Quality Assurance Officer

THRU: Mark Burkhardt, PhD, Director
Laboratory Services Program

TO: Rick Wilkin, Kerr Environmental Research Center
Clean Water Act, Pavillion 2011

Attached are the analytical results for Pavillion 2011 #1 1104024. The table below shows the number of containers received , the work order number(s) assigned, and the date received:

| | 1104024 | 1104026 | 1104027 | Total |
|-------------|---------|---------|---------|-------|
| 20-Apr-2011 | 42 | 0 | 0 | 42 |
| 21-Apr-2011 | 0 | 25 | 0 | 25 |
| 22-Apr-2011 | 0 | 0 | 37 | 37 |

These samples were prepared, analyzed, and verified by the Region 8 Laboratory according to the requirements of the Laboratory Services Request (LSR) and procedures found in the laboratory Quality Assurance Manual (QSP-001) dated November 3, 2010.

Case Comments

METHOD/ANALYST(S): SOP ORGM-501, Determination of Volatile Organic Compounds Using EPA Method 8260C / VCM & DN

Work Order: 1104024, 1104026, 1104.27

SAMPLE RECEIPT INFORMATION:

Project: Pavillion 2011 #1

Date Received: 04-20-2011, 04-21-2011 and 04-22-2011

Total Samples: Twenty samples plus 1 matrix spike and 1 matrix spike duplicate.

Temperature: Cooler #1 = 3 °C, Cooler #2 = 3 °C, Cooler #3 = 4 °C and Cooler #4 = 2 °C,

Sample Preservation: Samples were preserved with ice.

Holding Time Summary: Due to maintenance of the laboratory floors, the following samples were analyzed past holding times:

1104024-01 (PGDW20-0411)

1104024-02 (PGDW26-0411)

1104024-03 (PGDW30-0411)

1104024-04 (PGDW32-0411)

1104024-05 (PGDW32d-0411)

1104024-06 (EPAMW02-0411)

1104024-07 (EPAMW02d-0411)

1104024-08 (FIELD BLANK)

1104026-01 (EPAMW01-0411)

1104026-02 (PGDW45-0411)

1104026-03 (PGDW05-0411)

1104026-04 (TRIP BLANK)

Extraction and Analysis: Twenty-five mL of sample was purged with nitrogen for five minutes at 60 mL per minute. After purging, samples were determined by GCMS calibrated from 0.25 ug/L to 10.0 ug/L. The system maintained passing tunes through out the run.

Quality Control Notes:

Routine sample quality control results such as matrix spikes and laboratory duplicates are reported on the quality control pages of this report. Any results not within QC criteria are discussed in the analyst notes section. Instrument quality control results, such as continuing calibration verification (CCV), continuing calibration blanks (CCB), initial calibration verification (ICV), initial calibration blank (ICB), and instrument blanks (IBL), were within QC criteria unless stated in the analyst notes section. Analytes that exceed the upper control limits for QC samples but are not detected will not be "J" flagged. All sample detections for these analytes will be qualified as estimated (J flagged).

Analyst Notes:

All sample results that were analyzed past holding times are qualified as estimated.

Calibration Summary:

Pentachloroethane and dichlorodifluoromethane did not produce a linear or quadratic calibration curve. All results for these compounds will not be reported. Discussion of further QC failures for these analytes are not necessary.

The continuous calibration verification (1D29001-CCV1) had 1,1,2,2-tetrachloroethane and 2,2-dichloropropane with high recoveries. Since these compounds were not detected in any of the samples, no qualification is required.

The continuous calibration verification (1D29001-CCV2) had 1,1,2,2-tetrachloroethane and

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1,2-dibromo-3-chloropropane with high recoveries. Since these compounds were not detected in any of the samples, no qualification is required. The compound 1,3-dimethyl adamantane had low recovery. All results for this compound associated with this CCV qualified as estimated.

The continuous calibration verification (1D29001-CCV3) had 1,1,2,2-tetrachloroethane and 1,2-Dibromo-3-chloropropane with high recoveries. Since these compounds were not detected in any of the samples, no qualification is required. The compounds chloromethane, 1,3-dimethyl adamantane and vinyl chloride had low recoveries. All results for these compounds associated with this CCV are qualified as estimated.

The continuous calibration verification (1D29001-CCV4) had 1,1,2,2-tetrachloroethane, 1,2-dibromo-3-chloropropane and hexachloroethane with high recoveries. Since these compounds were not detected in any of the samples, no qualification is required. The compound 1,3-dimethyl adamantane had low recovery. All results for this compound associated with this CCV are qualified as estimated.

1D29001-CRL1 showed high recoveries for 1,1,2,2-tetrachloroethane and 1,2-dibromo-3-chloropropane. Since none of the samples had detections reported for these two analytes, no qualification is required.

QC Sample Summary:

The blank spike (1100162-BS1) had high recovery for 2,2-dichloropropane. Since this compound was not detected in any of the samples, no qualification is required.

The standard reference material (1100162-SRM1) had low recovery for tetrachloroethene. This compound is qualified as estimated for all samples.

The matrix spike (1100162-MS1 and it's duplicate 1100162-MSD1) had 2,2-dichloropropane and 1,1,2,2-tetrachloroethane with high recoveries. The matrix spike duplicate (1100162-MSD1) had high RPD for the following compounds: 2,2-dichloropropane, 1,2-dibromo-3-chloropropane and 1,1,2,2-tetrachloroethane. No qualification is required because the native sample showed no detections for these analytes.

The holding blank 1104027-08 showed methylene chloride above the reporting limit. Since none of the samples were affected; no qualification required.

Internal Standard/Surrogate Summary:

No difficulties or unusual circumstances were encountered during this analysis.

Manual Integration Summary:

Manual integrations were performed.

The non-target peaks reported as Tentatively Identified Compounds (TICs) were identified using the NIST05 spectral library and the instrument manufacturer's (Agilent Technologies) search algorithm. To be identified as a TIC, a peak had to have an area at least 10% as large as the area of the nearest internal standard and a match quality greater than 80 %. (The TIC match quality is based on the number and ratio of the major fragmentation ions. A perfect match has a value of 100%.) Although the TIC report is essentially a qualitative report, an estimated concentration is calculated based on a response factor of 1.00 and the area of the nearest internal standard. The search for TIC includes the whole chromatogram from 3.0 to 33.0 minutes.

NOTE: TICs are compounds that can be detected, but, without the analysis of standards, cannot be confirmed or reliably quantified. Often times TICs are representative of a class of compounds rather than indicating a specific compound.

The following samples had TICs:

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1104024-01 (PGDW20-0411)

1-Isobutyl adamantane0.27 ug/L

1104024-03 (PGDW30-0411)

1,3-Dimethyl adamantane plus isomers..... .3.96 ug/L

1104024-04 (PGDW32-0411)

Pentane, 2,4-dimethyl-0.53 ug/L

1104024-07 (EPAMW02d-0411)

2-Methyl-butane35.0 ug/L

1104026-01 (EPAMW01-0411)

2-Methyl-butane.....2.3 ug/L

Pentane.....1.24 ug/L

2-methyl pentane0.44 ug/L

Cyclo-pentane1.19 ug/L

Methyl-cyclopentane2.21 ug/L

Cyclohexane5.66 ug/L

Methyl-cyclohexane4.00 ug/L

1104026-02 (PGDW45-0411)

1,3-Dimethyl adamantane plus isomers..... 9.5 ug/L

1104026-03 (PGDW05-0411)

1,3-Dimethyl adamantane plus isomers..... .8.6 ug/L

1104027-07 (Field Blank)

Cyclohexane1.27 ug/L

QC Note:

The undiluted analysis of Sample 1104026-01 (EPAMW01-0411) was performed outside the 12-hour continuing calibration requirement. The data is already qualified due to holding time exceedence. No other qualifier is applied.

William H. Batschelet, PhD

Laboratory Quality Assurance Officer

METHOD/ANALYST(S): SOP ORGM-515, Determination of Semivolatile Organic Compounds Using EPA Method 8270D / VCM & DN

Work Order: 1104024

Batch: 1100175

SAMPLE RECEIPT INFORMATION:

Project: Pavillion 2011 #1

Date Received: 04-20-2011

Total Samples: Eight samples

Temperature: Cooler #1 = 3 °C, Cooler #2 = 3 °C

Case Comments

Sample Preservation: Samples were preserved with ice.

Holding Time Summary: All samples were extracted and analyzed within holding time.

Extraction and Analysis:

Samples for semi-volatile analysis were prepared and extracted according to SW-846 method 3520, "Continuous Liquid-Liquid Extraction" for water samples. One liter of sample was extracted with methylene chloride and concentrated to one milliliter of extracts. Samples were analyzed by EPA method 8270. The method was calibrated from 0.1 ug/mL to 10.0 ug/mL. The system maintained passing tunes through out the run.

Quality Control Notes:

Routine sample quality control results such as matrix spikes and laboratory duplicates are reported on the quality control pages of this report. Any results not within QC criteria are discussed in the analyst notes section. Instrument quality control results, such as continuing calibration verification (CCV), continuing calibration blanks (CCB), initial calibration verification (ICV), initial calibration blank (ICB), and instrument blanks (IBL), were within QC criteria unless stated in the analyst notes section. Analytes that exceed the upper control limits for QC samples but are not detected will not be "J" flagged. All sample detections for these analytes will be qualified as estimated.

Analyst Notes:

Sample 1104024-06 (EPAMW02-0411), had pH greater than 12. This sample showed high amount of hydrocarbons (gasoline). Due to high level of hydrocarbons from sample 1104024-06, the first two surrogates had low recoveries. Since the rest of the analysis was not affected, no qualification of data is required. The last internal standard, perylene-d12 had low recovery, all compounds associated with this internal standard are qualified as estimated values. Benzoic acid exceeded the calibration range and is qualified as estimated.

The sequence was stopped and restarted two hours later after reestablishing the baseline. Hence, the final tune missed the twelve-hour clock for Sample 1104024-08. All results for that sample are qualified as estimated.

Sample 1104024-07 had pH greater than 12 and very high level of hydrocarbons. This sample was determined on a 10X dilution only. The surrogate recoveries are not determined because of the high dilution. Benzoic acid exceeded the calibration range and is qualified as estimated.

Calibration Summary:

The continuous calibration verification (1E05006-CCV2) had 4-chloro-3-methylphenol and 2,4,5-trichlorophenol with high recoveries. Since these compounds were not detected in any of the samples, no qualification is required. The compound 2,4-dinitrophenol and 4,6-dinitro-2-methylphenol had low recoveries. All results for these compounds in the samples associated with this CCV are qualified as estimated.

QC Sample Summary:

The blank spike (1100175-BS1) had high recovery for 4-chloroaniline. Since this compound was not detected in any of the samples, no qualification is required. Pyridine did not extract. All results for this compound are qualified as estimated.

The initial calibration verification (1E05006-ICV1) had 4-chloro-3-methylphenol with high recovery. Since this compound was not detected in any of the samples, no qualification is required. The compounds hexachlorocyclopentadiene and 2,4-dinitrophenol had low recoveries. The results for these compounds in all of the associated samples are qualified as estimated.

Internal Standard/Surrogate Summary:

No difficulties or unusual circumstances were encountered during this analysis.

Case Comments**Manual Integration Summary:**

Manual integrations were performed.

The non-target peaks reported as Tentatively Identified Compounds (TICs) were identified using the NIST05 spectral library and the instrument manufacturer's (Agilent Technologies) search algorithm. To be identified as a TIC, a peak had to have an area at least 10% as large as the area of the nearest internal standard and a match quality greater than 80 %. (The TIC match quality is based on the number and ratio of the major fragmentation ions. A perfect match has a value of 100%.) Although the TIC report is essentially a qualitative report, an estimated concentration is calculated based on a response factor of 1.00 and the area of the nearest internal standard. The search for TIC includes the whole chromatogram from 3.0 to 33.0 minutes.

NOTE: TICs are compounds that can be detected, but, without the analysis of standards, cannot be confirmed or reliably quantified. Often times TICs are representative of a class of compounds rather than indicating a specific compound.

The following samples had TICs:

1104024-01 (PGDW20-0411)

Octaatomic Sulfur 0.16 ug/L

1104024-02 (PGDW26-0411)

Propylene Glycol 4.92 ug/L

Dodecanoic acid 0.11 ug/L

1104024-03 (PGDW30-0411)

1,3-Dimethyl adamantane plus isomers..... 0.86 ug/L

1104024-06 (EPAMW02-0411)

Toluene 46.8 ug/L

3-methyl-3-hexanone 19.6 ug/L

Ethyl benzene 30.46 ug/L

Total Xylenes 217 ug/L

Substituted benzene 94.3 ug/L

3,5-dimethylphenol 6.28 ug/L

2-mercaptopbenzothiazole 12.65 ug/L

Ricinoleic acid 28.8 ug/L

1104024-07 (EPAMW02d-0411)

Same TIC results as sample 1104024-06 (EPAMW02-0411)

Determined only on a 10X dilution.

Work Order: 1104026 and 1104027

Batch: 1100194 and 1100195

Sequence: 1E12003

SAMPLE RECEIPT INFORMATION:

Project: Pavillion 2011 #1

Date Received: 04-21 and 22/2011

Total Samples: Five samples each day, plus 1 matrix spike and 1 matrix spike duplicate.

Temperature: Cooler #1 = 2 °C, Cooler #2 =4 °C

Case Comments

Sample Preservation: Samples were preserved with ice.

Holding Time Summary: All samples were extracted and analyzed within holding time.

Extraction and Analysis: Samples for semi-volatile analysis were prepared and extracted according to SW-846 method 3520, "Continuous Liquid-Liquid Extraction" for water samples. One liter of sample was extracted with methylene chloride and concentrated to one milliliter of extracts. Samples were analyzed by EPA method 8270. The method was calibrated from 0.1 ug/mL to 10.0 ug/mL. The system maintained passing tunes through out the run.

Quality Control Notes:

Routine sample quality control results such as matrix spikes and laboratory duplicates are reported on the quality control pages of this report. Any results not within QC criteria are discussed in the analyst notes section. Instrument quality control results, such as continuing calibration verification (CCV), continuing calibration blanks (CCB), initial calibration verification (ICV), initial calibration blank (ICB), and instrument blanks (IBL), were within QC criteria unless stated in the analyst notes section. Analytes that exceed the upper control limits for QC samples but are not detected will not be "J" flagged. All sample detections for these analytes will be qualified as estimated (J flagged).

Analyst Notes:

All extracts had internal standard added at 2.00 ug/mL instead of 2.50 ug/mL. All results from the extracts were corrected by a factor of 0.8 (2.0/2.5).

Calibration Summary:

The continuous calibration standards: 1E12003-CCV1, 1E12003-CCV2, 1E12003-CCV3 and 1E12003-CCV5 had the compound 4-chloroaniline with high recovery. Since this compound is not found in any of the samples, no qualification is required.

The continuous calibration standards: 1E12003-CCV3, 1E12003-CCV4 and 1E12003-CCV5 had the compounds indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene and benzo(g,h,i)perylene with low recoveries. These compounds are qualified as estimated for all samples associated with these CCVs. CCV4 had high recoveries for benzo (b) fluoranthene and benzo (k) fluoranthene. Since these compounds are not found in any of the samples, no qualification is required.

QC Sample Summary:

The blank spike 1100194-BS1 had the compound 4-chloroaniline with high recovery, since this compound was not detected in any of the samples; no qualification of data is required. The compound hexachlorocyclopentadiene had low recovery. This compound is qualified as estimated for all samples extracted with this blank spike. Pyridine did not extract. All results for this compound are qualified as estimated.

The blank spike 1100195-BS1 had the compounds 4-chloroaniline and 3-nitroaniline with high recoveries, since these compounds were not detected in any of the samples, no qualification of data is required.

The initial calibration verification, 1E12003-ICV1 had the compounds 4-nitrophenol and 2,4-dinitrophenol with low recoveries. These compounds are qualified as estimated for all samples.

The matrix spike, 1100195-MS1 had low recovery for 3,3-dichlorobenzidine. This compound is qualified as estimated for the parent sample. It also had high recoveries for the compounds benzoic acid and 4-chloroaniline. Detected results for these two compounds are qualified as estimated in the parent sample.

The matrix spike duplicate, 1100195-MSD1 had low recoveries for the following compounds: hexachlorocyclopentadiene and 3,3-dichlorobenzidine. These compounds are qualified as estimated in the parent sample. The following compounds had RPDs greater than 30%: Benzoic acid, 2,4,5-trichlorophenol,

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1,4-dinitrobenzene, 4-nitrophenol, 4-nitroaniline, carbazole, fluoranthene, pyrene, benzo(a)anthracene, bis(2-ethylhexyl)phthalate, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, dibenzo(a,h)anthracene and benzo(g,h,i)perylene. All detected results for these compounds are qualified as estimated in the parent sample.

Internal Standard/Surrogate Summary:

Sample 1104026-01 (EPAMW01-0411) showed ricinoleic acid at an estimated concentration of 85 ug/L. This large amount depressed the internal standard perylene-d12. All analytes affected by this internal standard are qualified as estimated. Benzoic acid exceeded the calibration range and is qualified as estimated.

Sample 1104026-04 (Trip Blank) showed propylene glycol at the beginning of the run. Propylene glycol affected the response of the surrogate standards 2-fluorophenol and phenol-d6. All compounds related to these surrogates are qualified as estimated.

Sample 1104026-05 (PGDW41-0411) had low recovery of the internal standard perylene-d12. All analytes affected by this internal standard are qualified as estimated.

Manual Integration Summary:

Manual integrations were performed.

The non-target peaks reported as Tentatively Identified Compounds (TICs) were identified using the NIST05 spectral library and the instrument manufacturer's (Agilent Technologies) search algorithm. To be identified as a TIC, a peak had to have an area at least 10% as large as the area of the nearest internal standard and a match quality greater than 80 %. (The TIC match quality is based on the number and ratio of the major fragmentation ions. A perfect match has a value of 100%.) Although the TIC report is essentially a qualitative report, an estimated concentration is calculated based on a response factor of 1.00 and the area of the nearest internal standard. The search for TIC includes the whole chromatogram from 3.0 to 33.0 minutes.

NOTE: TICs are compounds that can be detected, but, without the analysis of standards, cannot be confirmed or reliably quantified. Often times TICs are representative of a class of compounds rather than indicating a specific compound.

The following samples had TICs:

1104026-01 (EPAMW01-0411)

| | |
|------------------------------|------------|
| Methyl cyclohexane..... | 3.94 ug/L |
| Propylene glycol..... | 14.74 ug/L |
| 2-methyl butanoic acid..... | 4.56 ug/L |
| Pentanoic acid..... | 2.87 ug/L |
| Benzeneacetic acid..... | 5.10 ug/L |
| Indole..... | 1.06 ug/L |
| Phthalic anhydride..... | 1.16 ug/L |
| Dodecanoic acid..... | 7.71 ug/L |
| 2-Mercaptobenzothiazole..... | 1.10 ug/L |
| Ricinoleic acid | 85 ug/L |

1104026-02 (PGDW45-0411)

| | |
|------------------------|-----------|
| Propylene Glycol | 2.15 ug/L |
| Toluene..... | 0.68 ug/L |
| Squalene..... | 1.33 ug/L |

1104026-03 (PGDW05-0411)

Case Comments

| | |
|-------------------|-----------|
| Toluene..... | 0.63 ug/L |
| 2-undecanone..... | 0.16 ug/L |
| Squalene..... | 1.42 ug/L |

1104026-04 (trip blank)

| | |
|--|-----------|
| Propylene glycol..... | 6.7 ug/L |
| 1,1'-oxybis-2-propanol | 9.4 ug/L |
| 1,3-dimethyl-adamantane and isomers..... | 1.69 ug/L |
| Cyclic octaatomic sulfur..... | 0.37 ug/L |
| Squalene..... | 0.69 ug/L |

1104027-01 (PGDW14-0411)

| | |
|---------------------------------|-----------|
| 2-(2-ethoxyethoxy)-ethanol..... | 0.31 ug/L |
|---------------------------------|-----------|

1104027-02 (PGDW49-0411)

| | |
|---------------------------------|-----------|
| 2-(2-ethoxyethoxy)-ethanol..... | 0.53 ug/L |
|---------------------------------|-----------|

1104027-03 (PGDW23-0411)

| | |
|---------------------------------|-----------|
| Propylene glycol..... | 5.09 ug/L |
| 2-(2-ethoxyethoxy)-ethanol..... | 0.70 ug/L |
| Cyclic octaatomic sulfur..... | 0.05ug/L |

1104027-04 (PGDW44-0411)

| | |
|---|-----------|
| Toluene..... | 0.19 ug/L |
| 2-(2-ethoxyethoxy)-ethanol..... | 0.32 ug/L |
| 1,3-dimethyl-naphthalene and isomers..... | 0.50 ug/L |
| Cyclic octaatomic sulfur..... | 0.50ug/L |

1104027-07 (Field Blank)

| | |
|--|-----------|
| 2-(2-ethoxyethoxy)-ethanol..... | 0.56 ug/L |
| 3,5-di-tert-butyl-4-hydroxybenzaldehyde..... | 0.20 ug/L |

METHOD/ANALYST(S): SOP ORGM-515, Determination of Semivolatile Organic Compounds Using EPA Method 8270D (Short List) / VCM & DN**Work Order:** 1104024, 1104026 and 1104027**Batch:** 1100211, 1100214, and 1100215**Sequence:** 1E18003**SAMPLE RECEIPT INFORMATION:**

Project: Pavillion 2011 #1

Dates Received: 04-20, 04-21 and 04-22-2011

Total Samples: Eighteen samples, plus 1 matrix spike and 1 matrix spike duplicate.

Temperature: all samples received iced and at <4°C

Sample Preservation: Samples were preserved with ice.**Holding Time Summary:** All samples were extracted and analyzed within holding time.**Extraction and Analysis:** Samples for semi-volatile analysis were prepared and extracted according to SW-846

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method 3520, "Continuous Liquid-Liquid Extraction" for water samples. One liter of sample was extracted with methylene chloride and concentrated to one milliliter of extracts. Samples were analyzed by EPA method 8270. The method was calibrated from 0.1 ug/mL to 10.0 ug/mL. The system maintained passing tunes through out the run.

Quality Control Notes:

Routine sample quality control results such as matrix spikes and laboratory duplicates are reported on the quality control pages of this report. Any results not within QC criteria are discussed in the analyst notes section. Instrument quality control results, such as continuing calibration verification (CCV), continuing calibration blanks (CCB), initial calibration verification (ICV), initial calibration blank (ICB), and instrument blanks (IBL), were within QC criteria unless stated in the analyst notes section. Analytes that exceed the upper control limits for QC samples but are not detected will not be "J" flagged. All sample detections for these analytes will be qualified as estimated.

Analyst Notes:

All extracts had internal standard added at 2.50 ug/mL instead of 2.00 ug/mL. All results from the extracts were corrected by a factor of 1.25. The surrogate 2,4,6-tribromophenol is not associated with any of the compounds of interest and will not be reported.

Calibration Summary:

The continuous calibration standard: 1E18003-CCV4, had the compound tri(2-butoxy ethyl)phosphate with high recovery. Since this compound is not detected in the samples associated with this CCV, no qualification is required.

QC Sample Summary:

The blank spikes 1100214-BS1 and 1100215-BS1 had the compounds limonene, adamantane and 1,3-dimethyl adamantane with low recoveries. These compounds are qualified as estimated for samples associated with these blank spikes.

The matrix spike and its duplicate, 1100215-MS1 and 1100215-MSD1 had the following compounds with low recoveries: 2-butoxyethanol, limonene, adamantane and 1,3-dimethyl adamantane. All results for these compounds are qualified as estimated in the parent sample 1104027-04 (PGDW44-0411). The following compounds: limonene, adamantane and 1,3-dimethyl adamantane have RPD greater than 30%. Tri(2-butoxyethyl) phosphate had high recovery. Since this compound was not detected in the parent sample, no qualification is required.

Internal Standard/Surrogate Summary:

Sample 1104024-04 (PGDW32-0411) had low recoveries for the surrogates: 2-fluorophenol, and phenol-d6. All analytes associated with these surrogates are qualified as estimated.

Sample 1104024-06 (EPAMW02-0411) had low recoveries for the surrogates: nitrobenzene-d5, 2-fluorobiphenyl and terphenyl-d14. All analytes associated with these surrogates are qualified as estimated.

Sample 1104024-07 (EPAMW02D-0411) had low recoveries for the surrogates: 2-fluorophenol and terphenyl-d14. The following internal standards had high recoveries: naphthalene-d8, acenaphthene-d10 and phenanthrene-d10. All analytes associated with these surrogates and internal standards are qualified as estimated.

Samples 1104026-05 (PGDW41-0411) and 1104027-01 (PGDW14-0411) had very high recoveries of all the internal standards. This is attributed to loss of solvent from the sample vials due to loose caps. All analytes are qualified as estimated for these samples.

Sample 1104027-02 (PGDW49-0411) had low recovery for the surrogate 2-fluorophenol. All analytes associated with this surrogates are qualified as estimated.

Sample 1104027-04 (PGDW44-0411) had low recoveries for the surrogates: 2-fluorophenol, phenol-d6,

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nitrobenzene-d5, and 2-fluorobiphenyl. All analytes associated with these surrogates are qualified as estimated.

Manual Integration Summary:

Manual integrations were performed.

All tentatively identified compounds are reported above.

BTEX/MTBE/TPH-GRO/TPH-DRO Organics

Analyst: Jesse Kiernan

Quality Control Notes:

Routine sample quality control results such as matrix spikes and laboratory duplicates are reported on the quality control pages of this report. Any results not within QC criteria are discussed in the analyst notes section. Instrument quality control results, such as continuing calibration verification (CCV), continuing calibration blanks (CCB), initial calibration verification (ICV), initial calibration blank (ICB), and instrument blanks (IBL), were within QC criteria unless stated in the analyst notes section. Any missed holding times will also be discussed in the analyst notes section.

Extraction Methods:

EPA method 5030B, "Purge and Trap for Aqueous Samples," revision 2, December 1996.

EPA method 3520C, "Continuous Liquid-Liquid Extraction," revision 3, December 1996. This procedure was used for the TPH/DRO water sample extractions.

EPA Region 8 laboratory SOP ORGM-508, "Determination of Diesel Range Organics Using 8015D Modified".

Analytical Methods:

Modified EPA method 8015D, "Nonhalogenated Organics Using GC/FID," revision 4, May 2003. This method was used for the analysis of the TPH/GRO and TPH/DRO.

EPA method 8021B, "Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors," revision 2, December 1996. For this analysis, only the PID was used for detection of methyl-tert-butyl ether (MTBE), benzene, toluene, ethylbenzene, xylenes, and naphthalene.

EPA Region 8 laboratory SOP ORGM-506, "Determination of BTEX, MTBE, Naphthalene, and TPH/GRO Using 8021B and 8015D Modified".

EPA Region 8 laboratory SOP ORGM-508, "Determination of Diesel Range Organics Using 8015D Modified".

Analyst Notes:

BTEX/GRO:

No difficulties or unusual circumstances were encountered during these analyses.

TPH/DRO:

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The holding time for sample Trip Blank (1104026-04) was exceeded by 30 minutes. The TPH/DRO result for this sample has been qualified as estimated, "J."

Samples EPAMW02-0411 (1104024-06), EPAMW02d-0411 (1104024-07), and EPAMW01-0411 (1104026-01) had an initial pH of 12 and the methylene chloride extracts for these samples were "soapy."

Some of the TPH/DRO chromatograms required manual integrations due to poor integration by the quantitation software. The quality of the data was improved by a more realistic quantitation.

Volatile Organic Compounds by EPA Method 8260B

| Station ID: | PGDW20-0411 | Date / Time Sampled: | 04/18/11 11:45 | Workorder | 1104024 | | | | |
|--------------|-----------------------------|----------------------|----------------|-------------|--------------|-----------------|------------|-----|---------|
| EPA Tag No.: | 8260 PAV | Matrix: | Water | Lab Number: | 1104024-01 A | | | | |
| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
| EPA 8260B | 1,1,1,2-Tetrachloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,1-Trichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2,2-Tetrachloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2-Trichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trimethylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromo-3-chloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromoethane (EDB) | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3,5-Trimethylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dimethyl adamantane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,4-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2,2-Dichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Butanone | < 0.500 | ug/L | J | 0.500 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Chlorotoluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Hexanone | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 4-Chlorotoluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 4-Methyl-2-pentanone | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Acetone | < 1.00 | ug/L | J | 1.00 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Acrylonitrile | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Adamantane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Allyl chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromochloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromodichloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromoform | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Carbon disulfide | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Carbon tetrachloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chlorodibromomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloroform | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| | | | | | | | | | |
|------------|---------------------------|---------|--------------|---|-------|---|------------|-----|---------|
| EPA 8260B | cis-1,2-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | cis-1,3-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Dibromomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Ethyl Ether | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Ethylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Hexachlorobutadiene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Hexachloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Iodomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Isopropylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | m,p-Xylene | < 0.500 | ug/L | J | 0.500 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methacrylonitrile | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methyl Acrylate | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methyl tert-Butyl Ether | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methylene chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Naphthalene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | n-Butyl Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | n-Propyl Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | o-Xylene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | p-Isopropyltoluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | sec-Butylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Styrene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | tert-Butylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Tetrachloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Toluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | trans-1,2-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | trans-1,3-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Trichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Trichlorofluoromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Vinyl chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Xylenes (total) | < 1.00 | ug/L | J | 1.00 | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | 1,2-Dichloroethane-d4 | 108 % | Limit 70-120 | | | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | 4-Bromofluorobenzene | 114 % | Limit 75-120 | | | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | Dibromofluoromethane | 109 % | Limit 85-115 | | | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | Toluene-d8 | 97.0 % | Limit 85-120 | | | 1 | 04/27/2011 | VCM | 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|-----------|-----------------------------|---------|-------|-------------|--------------|-----------------|------------|-----|---------|
| EPA 8260B | 1,1,1,2-Tetrachloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,1-Trichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2,2-Tetrachloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2-Trichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trimethylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromo-3-chloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromoethane (EDB) | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3,5-Trimethylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dimethyl adamantane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,4-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2,2-Dichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Butanone | < 0.500 | ug/L | J | 0.500 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Chlorotoluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Hexanone | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 4-Chlorotoluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 4-Methyl-2-pentanone | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Acetone | < 1.00 | ug/L | J | 1.00 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Acrylonitrile | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Adamantane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Allyl chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromochloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromodichloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromoform | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Carbon disulfide | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Carbon tetrachloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chlorodibromomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloroform | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| | | | | | | | | | |
|------------|---------------------------|---------|--------------|---|-------|---|------------|-----|---------|
| EPA 8260B | cis-1,2-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | cis-1,3-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Dibromomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Ethyl Ether | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Ethylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Hexachlorobutadiene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Hexachloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Iodomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Isopropylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | m,p-Xylene | < 0.500 | ug/L | J | 0.500 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methacrylonitrile | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methyl Acrylate | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methyl tert-Butyl Ether | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methylene chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Naphthalene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | n-Butyl Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | n-Propyl Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | o-Xylene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | p-Isopropyltoluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | sec-Butylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Styrene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | tert-Butylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Tetrachloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Toluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | trans-1,2-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | trans-1,3-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Trichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Trichlorofluoromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Vinyl chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Xylenes (total) | < 1.00 | ug/L | J | 1.00 | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | 1,2-Dichloroethane-d4 | 108 % | Limit 70-120 | | | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | 4-Bromofluorobenzene | 116 % | Limit 75-120 | | | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | Dibromofluoromethane | 110 % | Limit 85-115 | | | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | Toluene-d8 | 97.0 % | Limit 85-120 | | | 1 | 04/27/2011 | VCM | 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| Station ID: | PGDW30-0411 | Date / Time Sampled: | 04/18/11 16:20 | Workorder | 1104024 |
|--------------|-----------------------------|----------------------|----------------|-----------------|--------------------------------|
| EPA Tag No.: | 8260 PAV | Matrix: | Water | Lab Number: | 1104024-03 A |
| Method | Parameter | Results | Units | Qual- ifier | Report Limit |
| | | | | Dilution Factor | Analyzed By Batch |
| EPA 8260B | 1,1,1,2-Tetrachloroethane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,1,1-Trichloroethane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,1,2,2-Tetrachloroethane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,1,2-Trichloroethane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,1-Dichloroethane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,1-Dichloroethene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,1-Dichloropropene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,2,3-Trichlorobenzene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,2,3-Trichloropropane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,2,4-Trichlorobenzene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,2,4-Trimethylbenzene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,2-Dibromo-3-chloropropane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,2-Dibromoethane (EDB) | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,2-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,2-Dichloroethane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,2-Dichloropropane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,3,5-Trimethylbenzene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,3-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,3-Dichloropropane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,3-Dimethyl adamantane | 0.980 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,4-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 2,2-Dichloropropane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 2-Butanone | < 0.500 | ug/L | J | 0.500 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 2-Chlorotoluene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 2-Hexanone | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 4-Chlorotoluene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 4-Methyl-2-pentanone | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Acetone | < 1.00 | ug/L | J | 1.00 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Acrylonitrile | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Adamantane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Allyl chloride | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Benzene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Bromobenzene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Bromochloromethane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Bromodichloromethane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Bromoform | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Bromomethane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Carbon disulfide | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Carbon tetrachloride | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Chlorobenzene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Chlorodibromomethane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Chloroethane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Chloroform | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Chloromethane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| | | | | | | | | | |
|------------|---------------------------|---------|--------------|---|-------|---|------------|-----|---------|
| EPA 8260B | cis-1,2-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | cis-1,3-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Dibromomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Ethyl Ether | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Ethylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Hexachlorobutadiene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Hexachloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Iodomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Isopropylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | m,p-Xylene | < 0.500 | ug/L | J | 0.500 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methacrylonitrile | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methyl Acrylate | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methyl tert-Butyl Ether | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methylene chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Naphthalene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | n-Butyl Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | n-Propyl Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | o-Xylene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | p-Isopropyltoluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | sec-Butylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Styrene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | tert-Butylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Tetrachloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Toluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | trans-1,2-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | trans-1,3-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Trichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Trichlorofluoromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Vinyl chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Xylenes (total) | < 1.00 | ug/L | J | 1.00 | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | 1,2-Dichloroethane-d4 | 107 % | Limit 70-120 | | | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | 4-Bromofluorobenzene | 97.8 % | Limit 75-120 | | | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | Dibromofluoromethane | 108 % | Limit 85-115 | | | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | Toluene-d8 | 97.2 % | Limit 85-120 | | | 1 | 04/27/2011 | VCM | 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|-----------|-----------------------------|---------|-------|-------------|--------------|-----------------|------------|-----|---------|
| EPA 8260B | 1,1,1,2-Tetrachloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,1-Trichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2,2-Tetrachloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2-Trichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trimethylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromo-3-chloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromoethane (EDB) | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3,5-Trimethylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dimethyl adamantane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,4-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2,2-Dichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Butanone | < 0.500 | ug/L | J | 0.500 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Chlorotoluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Hexanone | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 4-Chlorotoluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 4-Methyl-2-pentanone | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Acetone | < 1.00 | ug/L | J | 1.00 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Acrylonitrile | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Adamantane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Allyl chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromochloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromodichloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromoform | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Carbon disulfide | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Carbon tetrachloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chlorodibromomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloroform | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| | | | | | | | | | |
|------------|---------------------------|---------|--------------|---|-------|---|------------|-----|---------|
| EPA 8260B | cis-1,2-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | cis-1,3-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Dibromomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Ethyl Ether | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Ethylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Hexachlorobutadiene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Hexachloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Iodomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Isopropylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | m,p-Xylene | < 0.500 | ug/L | J | 0.500 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methacrylonitrile | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methyl Acrylate | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methyl tert-Butyl Ether | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methylene chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Naphthalene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | n-Butyl Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | n-Propyl Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | o-Xylene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | p-Isopropyltoluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | sec-Butylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Styrene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | tert-Butylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Tetrachloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Toluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | trans-1,2-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | trans-1,3-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Trichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Trichlorofluoromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Vinyl chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Xylenes (total) | < 1.00 | ug/L | J | 1.00 | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | 1,2-Dichloroethane-d4 | 105 % | Limit 70-120 | | | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | 4-Bromofluorobenzene | 114 % | Limit 75-120 | | | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | Dibromofluoromethane | 107 % | Limit 85-115 | | | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | Toluene-d8 | 98.8 % | Limit 85-120 | | | 1 | 04/27/2011 | VCM | 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| Station ID: PGDW32D-0411 | | Date / Time Sampled: | 04/18/11 06:00 | | Workorder | | 1104024 | | |
|--------------------------|-----------------------------|----------------------|----------------|-------------|--------------|-----------------|--------------|-----|---------|
| EPA Tag No.: 8260 PAV | | Matrix: | Water | | Lab Number: | | 1104024-05 A | | |
| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
| EPA 8260B | 1,1,1,2-Tetrachloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,1-Trichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2,2-Tetrachloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2-Trichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trimethylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromo-3-chloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromoethane (EDB) | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3,5-Trimethylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dimethyl adamantane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,4-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2,2-Dichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Butanone | < 0.500 | ug/L | J | 0.500 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Chlorotoluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Hexanone | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 4-Chlorotoluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 4-Methyl-2-pentanone | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Acetone | < 1.00 | ug/L | J | 1.00 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Acrylonitrile | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Adamantane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Allyl chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromochloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromodichloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromoform | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Carbon disulfide | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Carbon tetrachloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chlorodibromomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloroform | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| | | | | | | | | | |
|------------|---------------------------|---------|--------------|---|-------|---|------------|-----|---------|
| EPA 8260B | cis-1,2-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | cis-1,3-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Dibromomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Ethyl Ether | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Ethylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Hexachlorobutadiene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Hexachloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Iodomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Isopropylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | m,p-Xylene | < 0.500 | ug/L | J | 0.500 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methacrylonitrile | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methyl Acrylate | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methyl tert-Butyl Ether | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methylene chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Naphthalene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | n-Butyl Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | n-Propyl Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | o-Xylene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | p-Isopropyltoluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | sec-Butylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Styrene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | tert-Butylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Tetrachloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Toluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | trans-1,2-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | trans-1,3-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Trichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Trichlorofluoromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Vinyl chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Xylenes (total) | < 1.00 | ug/L | J | 1.00 | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | 1,2-Dichloroethane-d4 | 106 % | Limit 70-120 | | | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | 4-Bromofluorobenzene | 119 % | Limit 75-120 | | | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | Dibromofluoromethane | 108 % | Limit 85-115 | | | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | Toluene-d8 | 99.2 % | Limit 85-120 | | | 1 | 04/27/2011 | VCM | 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| | | |
|--------------------------|-------------------------------------|--------------------------|
| Station ID: EPAMW02-0411 | Date / Time Sampled: 04/19/11 11:00 | Workorder 1104024 |
| EPA Tag No.: 8260 PAV | Matrix: Water | Lab Number: 1104024-06 A |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | |
|-----------|-------------------------------|-------------|-------|-------------|--------------|----------|------------|-------------|
| | | | | | | Factor | Analyzed | By |
| | | | | | | | | Batch |
| EPA 8260B | 1,1,1,2-Tetrachloroethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,1,1-Trichloroethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,1,2,2-Tetrachloroethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,1,2-Trichloroethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,1-Dichloroethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,1-Dichloroethene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,1-Dichloropropene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,2,3-Trichlorobenzene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,2,3-Trichloropropane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,2,4-Trichlorobenzene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,2,4-Trimethylbenzene | 18.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,2-Dibromo-3-chloropropane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,2-Dibromoethane (EDB) | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,2-Dichlorobenzene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,2-Dichloroethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,2-Dichloropropane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,3,5-Trimethylbenzene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,3-Dichlorobenzene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,3-Dichloropropane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,3-Dimethyl adamantane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,4-Dichlorobenzene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 2,2-Dichloropropane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 2-Butanone | 120 | ug/L | J | 25.0 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 2-Chlorotoluene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 2-Hexanone | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 4-Chlorotoluene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 4-Methyl-2-pentanone | 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Acetone | 641 | ug/L | J | 100 | 100 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Acrylonitrile | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Adamantane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Allyl chloride | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Benzene | 139 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Bromobenzene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Bromochloromethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Bromodichloromethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Bromoform | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Bromomethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Carbon disulfide | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Carbon tetrachloride | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Chlorobenzene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Chlorodibromomethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Chloroethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Chloroform | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| | | | | | | | | | |
|---|---------------------------|-------------|---------------------|---|------|------------|------------|-----|---------|
| EPA 8260B | Chloromethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | cis-1,2-Dichloroethene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | cis-1,3-Dichloropropene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Dibromomethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Ethyl Ether | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Ethylbenzene | 21.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Hexachlorobutadiene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Hexachloroethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Iodomethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Isopropylbenzene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | m,p-Xylene | 280 | ug/L | J | 25.0 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methacrylonitrile | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methyl Acrylate | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methyl tert-Butyl Ether | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methylene chloride | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Naphthalene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | n-Butyl Benzene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | n-Propyl Benzene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | o-Xylene | 81.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | p-Isopropyltoluene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | sec-Butylbenzene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Styrene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | tert-Butylbenzene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Tetrachloroethene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Toluene | 336 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | trans-1,2-Dichloroethene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | trans-1,3-Dichloropropene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Trichloroethene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Trichlorofluoromethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Vinyl chloride | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Xylenes (total) | < 50.0 | ug/L | J | 50.0 | 50 | 04/27/2011 | VCM | 1100162 |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | | 97.8 % | <i>Limit 70-120</i> | | 1 | 04/27/2011 | | VCM | 1100162 |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 116 % | <i>Limit 75-120</i> | | 1 | 04/27/2011 | | VCM | 1100162 |
| <i>Surrogate: Dibromofluoromethane</i> | | 98.8 % | <i>Limit 85-115</i> | | 1 | 04/27/2011 | | VCM | 1100162 |
| <i>Surrogate: Toluene-d8</i> | | 102 % | <i>Limit 85-120</i> | | 1 | 04/27/2011 | | VCM | 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| | | |
|---------------------------|-------------------------------------|--------------------------|
| Station ID: EPAMW02D-0411 | Date / Time Sampled: 04/19/11 11:00 | Workorder 1104024 |
| EPA Tag No.: 8260 PAV | Matrix: Water | Lab Number: 1104024-07 A |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | |
|-----------|-------------------------------|-------------|-------|-------------|--------------|----------|------------|-------------|
| | | | | | | Factor | Analyzed | By |
| | | | | | | | | Batch |
| EPA 8260B | 1,1,1,2-Tetrachloroethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,1,1-Trichloroethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,1,2,2-Tetrachloroethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,1,2-Trichloroethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,1-Dichloroethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,1-Dichloroethene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,1-Dichloropropene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,2,3-Trichlorobenzene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,2,3-Trichloropropane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,2,4-Trichlorobenzene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,2,4-Trimethylbenzene | 23.0 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,2-Dibromo-3-chloropropane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,2-Dibromoethane (EDB) | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,2-Dichlorobenzene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,2-Dichloroethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,2-Dichloropropane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,3,5-Trimethylbenzene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,3-Dichlorobenzene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,3-Dichloropropane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,3-Dimethyl adamantane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 1,4-Dichlorobenzene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 2,2-Dichloropropane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 2-Butanone | 118 | ug/L | J | 25.0 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 2-Chlorotoluene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 2-Hexanone | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 4-Chlorotoluene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | 4-Methyl-2-pentanone | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Acetone | 616 | ug/L | J | 100 | 100 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Acrylonitrile | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Adamantane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Allyl chloride | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Benzene | 164 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Bromobenzene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Bromochloromethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Bromodichloromethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Bromoform | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Bromomethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Carbon disulfide | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Carbon tetrachloride | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Chlorobenzene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Chlorodibromomethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Chloroethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Chloroform | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |
| EPA 8260B | Chloromethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| | | | | | | | | | |
|---|---------------------------|-------------|---------------------|---|------|------------|------------|-----|---------|
| EPA 8260B | cis-1,2-Dichloroethene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | cis-1,3-Dichloropropene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Dibromomethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Ethyl Ether | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Ethylbenzene | 27.0 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Hexachlorobutadiene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Hexachloroethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Iodomethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Isopropylbenzene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | m,p-Xylene | 354 | ug/L | J | 25.0 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methacrylonitrile | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methyl Acrylate | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methyl tert-Butyl Ether | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methylene chloride | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Naphthalene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | n-Butyl Benzene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | n-Propyl Benzene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | o-Xylene | 102 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | p-Isopropyltoluene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | sec-Butylbenzene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Styrene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | tert-Butylbenzene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Tetrachloroethene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Toluene | 424 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | trans-1,2-Dichloroethene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | trans-1,3-Dichloropropene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Trichloroethene | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Trichlorofluoromethane | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Vinyl chloride | < 12.5 | ug/L | J | 12.5 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Xylenes (total) | < 50.0 | ug/L | J | 50.0 | 50 | 04/27/2011 | VCM | 1100162 |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | | 98.2 % | <i>Limit 70-120</i> | | 1 | 04/27/2011 | | VCM | 1100162 |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 117 % | <i>Limit 75-120</i> | | 1 | 04/27/2011 | | VCM | 1100162 |
| <i>Surrogate: Dibromofluoromethane</i> | | 99.2 % | <i>Limit 85-115</i> | | 1 | 04/27/2011 | | VCM | 1100162 |
| <i>Surrogate: Toluene-d8</i> | | 102 % | <i>Limit 85-120</i> | | 1 | 04/27/2011 | | VCM | 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| | | | | |
|-------------------------|----------------------|----------------|-------------|--------------|
| Station ID: FIELD BLANK | Date / Time Sampled: | 04/18/11 18:00 | Workorder | 1104024 |
| EPA Tag No.: 8260 PAV | Matrix: | Water | Lab Number: | 1104024-08 A |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|-----------|-----------------------------|--------------|-------|-------------|--------------|-----------------|------------|-----|---------|
| EPA 8260B | 1,1,1,2-Tetrachloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,1-Trichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2,2-Tetrachloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2-Trichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trimethylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromo-3-chloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromoethane (EDB) | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3,5-Trimethylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dimethyl adamantane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,4-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2,2-Dichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Butanone | 0.640 | ug/L | J | 0.500 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Chlorotoluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Hexanone | 0.290 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 4-Chlorotoluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 4-Methyl-2-pentanone | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Acetone | 1.03 | ug/L | J | 1.00 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Acrylonitrile | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Adamantane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Allyl chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromochloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromodichloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromoform | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Carbon disulfide | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Carbon tetrachloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chlorodibromomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloroform | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| | | | | | | | | | |
|------------|---------------------------|---------|--------------|---|-------|---|------------|-----|---------|
| EPA 8260B | cis-1,2-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | cis-1,3-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Dibromomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Ethyl Ether | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Ethylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Hexachlorobutadiene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Hexachloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Iodomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Isopropylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | m,p-Xylene | 0.690 | ug/L | J | 0.500 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methacrylonitrile | 0.270 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methyl Acrylate | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methyl tert-Butyl Ether | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methylene chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Naphthalene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | n-Butyl Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | n-Propyl Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | o-Xylene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | p-Isopropyltoluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | sec-Butylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Styrene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | tert-Butylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Tetrachloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Toluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | trans-1,2-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | trans-1,3-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Trichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Trichlorofluoromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Vinyl chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Xylenes (total) | < 1.00 | ug/L | J | 1.00 | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | 1,2-Dichloroethane-d4 | 102 % | Limit 70-120 | | | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | 4-Bromofluorobenzene | 118 % | Limit 75-120 | | | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | Dibromofluoromethane | 104 % | Limit 85-115 | | | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | Toluene-d8 | 98.0 % | Limit 85-120 | | | 1 | 04/27/2011 | VCM | 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| | | | | |
|--------------------------|----------------------|----------------|-------------|--------------|
| Station ID: EPAMW01-0411 | Date / Time Sampled: | 04/20/11 10:00 | Workorder | 1104026 |
| EPA Tag No.: 8260-PAV | Matrix: | Water | Lab Number: | 1104026-01 A |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | | |
|-----------|-----------------------------|---------|-------|-------------|--------------|----------|------------|-----|---------|
| | | | | | | Factor | Analyzed | By | Batch |
| EPA 8260B | 1,1,1,2-Tetrachloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,1-Trichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2,2-Tetrachloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2-Trichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trimethylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromo-3-chloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromoethane (EDB) | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | 1,3,5-Trimethylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dimethyl adamantane | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | 1,4-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | 2,2-Dichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | 2-Butanone | < 0.500 | ug/L | J | 0.500 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | 2-Chlorotoluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | 2-Hexanone | 0.370 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | 4-Chlorotoluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | 4-Methyl-2-pentanone | 2.60 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Acetone | 79.5 | ug/L | J | 50.0 | 50 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Acrylonitrile | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Adamantane | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Allyl chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Bromobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Bromochloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Bromodichloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Bromoform | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Bromomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Carbon disulfide | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Carbon tetrachloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Chlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Chlorodibromomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Chloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Chloroform | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Chloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| | | | | | | | | | |
|-------------------|------------------------------|--------------|---------------------|---|-------|---|------------|-----|---------|
| EPA 8260B | cis-1,2-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | cis-1,3-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Dibromomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Ethyl Ether | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Ethylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Hexachlorobutadiene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Hexachloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Iodomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Isopropylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | m,p-Xylene | 0.890 | ug/L | J | 0.500 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Methacrylonitrile | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Methyl Acrylate | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Methyl tert-Butyl Ether | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Methylene chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Naphthalene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | n-Butyl Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | n-Propyl Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | o-Xylene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | p-Isopropyltoluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | sec-Butylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Styrene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | tert-Butylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Tetrachloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Toluene | 0.560 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | trans-1,2-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | trans-1,3-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Trichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Trichlorofluoromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Vinyl chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/29/2011 | VCM | 1100162 |
| EPA 8260B | Xylenes (total) | < 1.00 | ug/L | J | 1.00 | 1 | 04/29/2011 | VCM | 1100162 |
| <i>Surrogate:</i> | <i>1,2-Dichloroethane-d4</i> | 96.0 % | <i>Limit 70-120</i> | | | 1 | 04/29/2011 | VCM | 1100162 |
| <i>Surrogate:</i> | <i>4-Bromofluorobenzene</i> | 117 % | <i>Limit 75-120</i> | | | 1 | 04/29/2011 | VCM | 1100162 |
| <i>Surrogate:</i> | <i>Dibromofluoromethane</i> | 69.5 % | <i>Limit 85-115</i> | | | 1 | 04/29/2011 | VCM | 1100162 |
| <i>Surrogate:</i> | <i>Toluene-d8</i> | 112 % | <i>Limit 85-120</i> | | | 1 | 04/29/2011 | VCM | 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| Station ID: | PGDW45-0411 | Date / Time Sampled: | 04/19/11 16:30 | Workorder | 1104026 | | | | |
|--------------|-----------------------------|----------------------|----------------|-------------|--------------|-----------------|------------|-----|---------|
| EPA Tag No.: | 8260-PAV | Matrix: | Water | Lab Number: | 1104026-02 A | | | | |
| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
| EPA 8260B | 1,1,1,2-Tetrachloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,1-Trichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2,2-Tetrachloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2-Trichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trimethylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromo-3-chloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromoethane (EDB) | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3,5-Trimethylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dimethyl adamantane | 1.25 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,4-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2,2-Dichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Butanone | < 0.500 | ug/L | J | 0.500 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Chlorotoluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Hexanone | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 4-Chlorotoluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 4-Methyl-2-pentanone | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Acetone | < 1.00 | ug/L | J | 1.00 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Acrylonitrile | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Adamantane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Allyl chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromochloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromodichloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromoform | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Carbon disulfide | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Carbon tetrachloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chlorodibromomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloroform | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| | | | | | | | | | |
|------------|---------------------------|---------|--------------|---|-------|---|------------|-----|---------|
| EPA 8260B | cis-1,2-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | cis-1,3-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Dibromomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Ethyl Ether | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Ethylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Hexachlorobutadiene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Hexachloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Iodomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Isopropylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | m,p-Xylene | < 0.500 | ug/L | J | 0.500 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methacrylonitrile | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methyl Acrylate | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methyl tert-Butyl Ether | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methylene chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Naphthalene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | n-Butyl Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | n-Propyl Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | o-Xylene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | p-Isopropyltoluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | sec-Butylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Styrene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | tert-Butylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Tetrachloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Toluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | trans-1,2-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | trans-1,3-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Trichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Trichlorofluoromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Vinyl chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Xylenes (total) | < 1.00 | ug/L | J | 1.00 | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | 1,2-Dichloroethane-d4 | 105 % | Limit 70-120 | | | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | 4-Bromofluorobenzene | 95.5 % | Limit 75-120 | | | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | Dibromofluoromethane | 108 % | Limit 85-115 | | | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | Toluene-d8 | 94.8 % | Limit 85-120 | | | 1 | 04/27/2011 | VCM | 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| Station ID: | PGDW05-0411 | Date / Time Sampled: | 04/19/11 17:15 | Workorder | 1104026 |
|--------------|-----------------------------|----------------------|----------------|-----------------|--------------------------------|
| EPA Tag No.: | 8260-PAV | Matrix: | Water | Lab Number: | 1104026-03 A |
| Method | Parameter | Results | Units | Qual- ifier | Report Limit |
| | | | | Dilution Factor | Analyzed By Batch |
| EPA 8260B | 1,1,1,2-Tetrachloroethane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,1,1-Trichloroethane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,1,2,2-Tetrachloroethane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,1,2-Trichloroethane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,1-Dichloroethane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,1-Dichloroethene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,1-Dichloropropene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,2,3-Trichlorobenzene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,2,3-Trichloropropane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,2,4-Trichlorobenzene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,2,4-Trimethylbenzene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,2-Dibromo-3-chloropropane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,2-Dibromoethane (EDB) | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,2-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,2-Dichloroethane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,2-Dichloropropane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,3,5-Trimethylbenzene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,3-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,3-Dichloropropane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,3-Dimethyl adamantane | 1.35 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 1,4-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 2,2-Dichloropropane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 2-Butanone | < 0.500 | ug/L | J | 0.500 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 2-Chlorotoluene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 2-Hexanone | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 4-Chlorotoluene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | 4-Methyl-2-pentanone | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Acetone | < 1.00 | ug/L | J | 1.00 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Acrylonitrile | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Adamantane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Allyl chloride | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Benzene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Bromobenzene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Bromochloromethane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Bromodichloromethane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Bromoform | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Bromomethane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Carbon disulfide | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Carbon tetrachloride | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Chlorobenzene | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Chlorodibromomethane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Chloroethane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Chloroform | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |
| EPA 8260B | Chloromethane | < 0.250 | ug/L | J | 0.250 1 04/27/2011 VCM 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| | | | | | | | | | |
|------------|---------------------------|---------|--------------|---|-------|---|------------|-----|---------|
| EPA 8260B | cis-1,2-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | cis-1,3-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Dibromomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Ethyl Ether | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Ethylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Hexachlorobutadiene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Hexachloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Iodomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Isopropylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | m,p-Xylene | < 0.500 | ug/L | J | 0.500 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methacrylonitrile | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methyl Acrylate | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methyl tert-Butyl Ether | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methylene chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Naphthalene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | n-Butyl Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | n-Propyl Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | o-Xylene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | p-Isopropyltoluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | sec-Butylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Styrene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | tert-Butylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Tetrachloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Toluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | trans-1,2-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | trans-1,3-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Trichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Trichlorofluoromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Vinyl chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Xylenes (total) | < 1.00 | ug/L | J | 1.00 | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | 1,2-Dichloroethane-d4 | 104 % | Limit 70-120 | | | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | 4-Bromofluorobenzene | 97.5 % | Limit 75-120 | | | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | Dibromofluoromethane | 107 % | Limit 85-115 | | | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | Toluene-d8 | 94.5 % | Limit 85-120 | | | 1 | 04/27/2011 | VCM | 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| | | | | |
|------------------------|----------------------|----------------|-------------|--------------|
| Station ID: Trip Blank | Date / Time Sampled: | 04/14/11 17:00 | Workorder | 1104026 |
| EPA Tag No.: 8260-PAV | Matrix: | Water | Lab Number: | 1104026-04 A |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|-----------|-----------------------------|---------|-------|-------------|--------------|-----------------|------------|-----|---------|
| EPA 8260B | 1,1,1,2-Tetrachloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,1-Trichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2,2-Tetrachloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2-Trichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trimethylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromo-3-chloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromoethane (EDB) | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3,5-Trimethylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dimethyl adamantane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,4-Dichlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2,2-Dichloropropane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Butanone | < 0.500 | ug/L | J | 0.500 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Chlorotoluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Hexanone | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 4-Chlorotoluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 4-Methyl-2-pentanone | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Acetone | < 1.00 | ug/L | J | 1.00 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Acrylonitrile | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Adamantane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Allyl chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromochloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromodichloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromoform | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Carbon disulfide | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Carbon tetrachloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chlorobenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chlorodibromomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloroform | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloromethane | 1.04 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| | | | | | | | | | |
|------------|---------------------------|---------|--------------|---|-------|---|------------|-----|---------|
| EPA 8260B | cis-1,2-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | cis-1,3-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Dibromomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Ethyl Ether | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Ethylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Hexachlorobutadiene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Hexachloroethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Iodomethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Isopropylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | m,p-Xylene | < 0.500 | ug/L | J | 0.500 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methacrylonitrile | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methyl Acrylate | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methyl tert-Butyl Ether | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Methylene chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Naphthalene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | n-Butyl Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | n-Propyl Benzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | o-Xylene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | p-Isopropyltoluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | sec-Butylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Styrene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | tert-Butylbenzene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Tetrachloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Toluene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | trans-1,2-Dichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | trans-1,3-Dichloropropene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Trichloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Trichlorofluoromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Vinyl chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Xylenes (total) | < 1.00 | ug/L | J | 1.00 | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | 1,2-Dichloroethane-d4 | 101 % | Limit 70-120 | | | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | 4-Bromofluorobenzene | 115 % | Limit 75-120 | | | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | Dibromofluoromethane | 107 % | Limit 85-115 | | | 1 | 04/27/2011 | VCM | 1100162 |
| Surrogate: | Toluene-d8 | 97.8 % | Limit 85-120 | | | 1 | 04/27/2011 | VCM | 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| Station ID: PGDW41-0411 | | Date / Time Sampled: 04/20/11 13:00 | | Workorder 1104026 | | | | | |
|-------------------------|-----------------------------|-------------------------------------|-------|--------------------------|--------------|-----------------|------------|-----|---------|
| EPA Tag No.: 8260-PAV | | Matrix: Water | | Lab Number: 1104026-05 A | | | | | |
| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
| EPA 8260B | 1,1,1,2-Tetrachloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,1-Trichloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2,2-Tetrachloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2-Trichloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloropropene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trimethylbenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromo-3-chloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromoethane (EDB) | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3,5-Trimethylbenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dimethyl adamantane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,4-Dichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2,2-Dichloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Butanone | < 0.500 | ug/L | | 0.500 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Chlorotoluene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Hexanone | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 4-Chlorotoluene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 4-Methyl-2-pentanone | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Acetone | < 1.00 | ug/L | | 1.00 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Acrylonitrile | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Adamantane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Allyl chloride | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Benzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromochloromethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromodichloromethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromoform | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromomethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Carbon disulfide | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Carbon tetrachloride | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chlorodibromomethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloroform | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| | | | | | | | | | |
|------------|---------------------------|---------|--------------|-------|-------|------------|------------|---------|---------|
| EPA 8260B | cis-1,2-Dichloroethene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | cis-1,3-Dichloropropene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Dibromomethane | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Ethyl Ether | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Ethylbenzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Hexachlorobutadiene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Hexachloroethane | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Iodomethane | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Isopropylbenzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | m,p-Xylene | < 0.500 | ug/L | 0.500 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Methacrylonitrile | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Methyl Acrylate | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Methyl tert-Butyl Ether | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Methylene chloride | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Naphthalene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | n-Butyl Benzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | n-Propyl Benzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | o-Xylene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | p-Isopropyltoluene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | sec-Butylbenzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Styrene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | tert-Butylbenzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Tetrachloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Toluene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | trans-1,2-Dichloroethene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | trans-1,3-Dichloropropene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Trichloroethene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Trichlorofluoromethane | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Vinyl chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Xylenes (total) | < 1.00 | ug/L | 1.00 | 1 | 04/27/2011 | VCM | 1100162 | |
| Surrogate: | 1,2-Dichloroethane-d4 | 104 % | Limit 70-120 | | 1 | 04/27/2011 | VCM | 1100162 | |
| Surrogate: | 4-Bromofluorobenzene | 110 % | Limit 75-120 | | 1 | 04/27/2011 | VCM | 1100162 | |
| Surrogate: | Dibromofluoromethane | 106 % | Limit 85-115 | | 1 | 04/27/2011 | VCM | 1100162 | |
| Surrogate: | Toluene-d8 | 96.5 % | Limit 85-120 | | 1 | 04/27/2011 | VCM | 1100162 | |

Volatile Organic Compounds by EPA Method 8260B

| Station ID: PGDW14-0411 | | Date / Time Sampled: 04/20/11 16:30 | | Workorder 1104027 | | | | | |
|-------------------------|-----------------------------|-------------------------------------|-------|--------------------------|--------------|-----------------|------------|-----|---------|
| EPA Tag No.: 8260 | | Matrix: Water | | Lab Number: 1104027-01 A | | | | | |
| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
| EPA 8260B | 1,1,1,2-Tetrachloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,1-Trichloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2,2-Tetrachloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2-Trichloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloropropene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trimethylbenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromo-3-chloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromoethane (EDB) | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3,5-Trimethylbenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dimethyl adamantane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,4-Dichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2,2-Dichloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Butanone | < 0.500 | ug/L | | 0.500 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Chlorotoluene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Hexanone | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 4-Chlorotoluene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 4-Methyl-2-pentanone | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Acetone | < 1.00 | ug/L | | 1.00 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Acrylonitrile | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Adamantane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Allyl chloride | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Benzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromochloromethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromodichloromethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromoform | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromomethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Carbon disulfide | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Carbon tetrachloride | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chlorodibromomethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloroform | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| | | | | | | | | | |
|------------|---------------------------|---------|--------------|-------|-------|------------|------------|---------|---------|
| EPA 8260B | cis-1,2-Dichloroethene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | cis-1,3-Dichloropropene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Dibromomethane | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Ethyl Ether | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Ethylbenzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Hexachlorobutadiene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Hexachloroethane | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Iodomethane | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Isopropylbenzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | m,p-Xylene | < 0.500 | ug/L | 0.500 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Methacrylonitrile | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Methyl Acrylate | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Methyl tert-Butyl Ether | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Methylene chloride | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Naphthalene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | n-Butyl Benzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | n-Propyl Benzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | o-Xylene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | p-Isopropyltoluene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | sec-Butylbenzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Styrene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | tert-Butylbenzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Tetrachloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Toluene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | trans-1,2-Dichloroethene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | trans-1,3-Dichloropropene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Trichloroethene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Trichlorofluoromethane | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Vinyl chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Xylenes (total) | < 1.00 | ug/L | 1.00 | 1 | 04/27/2011 | VCM | 1100162 | |
| Surrogate: | 1,2-Dichloroethane-d4 | 104 % | Limit 70-120 | | 1 | 04/27/2011 | VCM | 1100162 | |
| Surrogate: | 4-Bromofluorobenzene | 116 % | Limit 75-120 | | 1 | 04/27/2011 | VCM | 1100162 | |
| Surrogate: | Dibromofluoromethane | 107 % | Limit 85-115 | | 1 | 04/27/2011 | VCM | 1100162 | |
| Surrogate: | Toluene-d8 | 97.0 % | Limit 85-120 | | 1 | 04/27/2011 | VCM | 1100162 | |

Volatile Organic Compounds by EPA Method 8260B

| Station ID: | PGDW49-0411 | Date / Time Sampled: | 04/20/11 14:10 | Workorder | 1104027 | | | | |
|--------------|-----------------------------|----------------------|----------------|-------------|--------------|-----------------|------------|-----|---------|
| EPA Tag No.: | 8260 | Matrix: | Water | Lab Number: | 1104027-02 A | | | | |
| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
| EPA 8260B | 1,1,1,2-Tetrachloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,1-Trichloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2,2-Tetrachloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2-Trichloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloropropene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trimethylbenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromo-3-chloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromoethane (EDB) | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3,5-Trimethylbenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dimethyl adamantane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,4-Dichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2,2-Dichloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Butanone | < 0.500 | ug/L | | 0.500 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Chlorotoluene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Hexanone | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 4-Chlorotoluene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 4-Methyl-2-pentanone | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Acetone | < 1.00 | ug/L | | 1.00 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Acrylonitrile | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Adamantane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Allyl chloride | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Benzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromochloromethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromodichloromethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromoform | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromomethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Carbon disulfide | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Carbon tetrachloride | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chlorodibromomethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloroform | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| | | | | | | | | | |
|------------|---------------------------|---------|--------------|-------|-------|------------|------------|---------|---------|
| EPA 8260B | cis-1,2-Dichloroethene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | cis-1,3-Dichloropropene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Dibromomethane | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Ethyl Ether | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Ethylbenzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Hexachlorobutadiene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Hexachloroethane | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Iodomethane | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Isopropylbenzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | m,p-Xylene | < 0.500 | ug/L | 0.500 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Methacrylonitrile | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Methyl Acrylate | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Methyl tert-Butyl Ether | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Methylene chloride | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Naphthalene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | n-Butyl Benzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | n-Propyl Benzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | o-Xylene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | p-Isopropyltoluene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | sec-Butylbenzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Styrene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | tert-Butylbenzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Tetrachloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Toluene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | trans-1,2-Dichloroethene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | trans-1,3-Dichloropropene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Trichloroethene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Trichlorofluoromethane | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Vinyl chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Xylenes (total) | < 1.00 | ug/L | 1.00 | 1 | 04/27/2011 | VCM | 1100162 | |
| Surrogate: | 1,2-Dichloroethane-d4 | 108 % | Limit 70-120 | | 1 | 04/27/2011 | VCM | 1100162 | |
| Surrogate: | 4-Bromofluorobenzene | 116 % | Limit 75-120 | | 1 | 04/27/2011 | VCM | 1100162 | |
| Surrogate: | Dibromofluoromethane | 109 % | Limit 85-115 | | 1 | 04/27/2011 | VCM | 1100162 | |
| Surrogate: | Toluene-d8 | 96.8 % | Limit 85-120 | | 1 | 04/27/2011 | VCM | 1100162 | |

Volatile Organic Compounds by EPA Method 8260B

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|-----------|-----------------------------|---------|-------|-------------|--------------|-----------------|------------|-----|---------|
| EPA 8260B | 1,1,1,2-Tetrachloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,1-Trichloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2,2-Tetrachloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2-Trichloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloropropene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trimethylbenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromo-3-chloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromoethane (EDB) | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3,5-Trimethylbenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dimethyl adamantane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,4-Dichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2,2-Dichloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Butanone | < 0.500 | ug/L | | 0.500 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Chlorotoluene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Hexanone | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 4-Chlorotoluene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 4-Methyl-2-pentanone | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Acetone | < 1.00 | ug/L | | 1.00 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Acrylonitrile | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Adamantane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Allyl chloride | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Benzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromochloromethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromodichloromethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromoform | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromomethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Carbon disulfide | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Carbon tetrachloride | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chlorodibromomethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloroform | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| | | | | | | | | | |
|------------|---------------------------|---------|--------------|-------|-------|------------|------------|---------|---------|
| EPA 8260B | cis-1,2-Dichloroethene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | cis-1,3-Dichloropropene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Dibromomethane | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Ethyl Ether | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Ethylbenzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Hexachlorobutadiene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Hexachloroethane | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Iodomethane | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Isopropylbenzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | m,p-Xylene | < 0.500 | ug/L | 0.500 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Methacrylonitrile | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Methyl Acrylate | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Methyl tert-Butyl Ether | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Methylene chloride | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Naphthalene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | n-Butyl Benzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | n-Propyl Benzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | o-Xylene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | p-Isopropyltoluene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | sec-Butylbenzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Styrene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | tert-Butylbenzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Tetrachloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Toluene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | trans-1,2-Dichloroethene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | trans-1,3-Dichloropropene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Trichloroethene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Trichlorofluoromethane | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Vinyl chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Xylenes (total) | < 1.00 | ug/L | 1.00 | 1 | 04/27/2011 | VCM | 1100162 | |
| Surrogate: | 1,2-Dichloroethane-d4 | 106 % | Limit 70-120 | | 1 | 04/27/2011 | VCM | 1100162 | |
| Surrogate: | 4-Bromofluorobenzene | 113 % | Limit 75-120 | | 1 | 04/27/2011 | VCM | 1100162 | |
| Surrogate: | Dibromofluoromethane | 109 % | Limit 85-115 | | 1 | 04/27/2011 | VCM | 1100162 | |
| Surrogate: | Toluene-d8 | 97.8 % | Limit 85-120 | | 1 | 04/27/2011 | VCM | 1100162 | |

Volatile Organic Compounds by EPA Method 8260B

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|-----------|-----------------------------|---------|-------|-------------|--------------|-----------------|------------|-----|---------|
| EPA 8260B | 1,1,1,2-Tetrachloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,1-Trichloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2,2-Tetrachloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2-Trichloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloropropene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trimethylbenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromo-3-chloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromoethane (EDB) | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3,5-Trimethylbenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dimethyl adamantane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,4-Dichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2,2-Dichloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Butanone | < 0.500 | ug/L | | 0.500 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Chlorotoluene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Hexanone | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 4-Chlorotoluene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 4-Methyl-2-pentanone | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Acetone | < 1.00 | ug/L | | 1.00 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Acrylonitrile | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Adamantane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Allyl chloride | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Benzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromochloromethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromodichloromethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromoform | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromomethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Carbon disulfide | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Carbon tetrachloride | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chlorodibromomethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloroform | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloromethane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| | | | | | | | | | |
|-----------|---|--------------|---------------------|-------|-------|------------|------------|---------|---------|
| EPA 8260B | cis-1,2-Dichloroethene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | cis-1,3-Dichloropropene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Dibromomethane | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Ethyl Ether | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Ethylbenzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Hexachlorobutadiene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Hexachloroethane | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Iodomethane | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Isopropylbenzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | m,p-Xylene | < 0.500 | ug/L | 0.500 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Methacrylonitrile | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Methyl Acrylate | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Methyl tert-Butyl Ether | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Methylene chloride | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Naphthalene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | n-Butyl Benzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | n-Propyl Benzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | o-Xylene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | p-Isopropyltoluene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | sec-Butylbenzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Styrene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | tert-Butylbenzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Tetrachloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Toluene | 0.540 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | trans-1,2-Dichloroethene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | trans-1,3-Dichloropropene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Trichloroethene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Trichlorofluoromethane | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Vinyl chloride | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Xylenes (total) | < 1.00 | ug/L | 1.00 | 1 | 04/27/2011 | VCM | 1100162 | |
| | <i>Surrogate: 1,2-Dichloroethane-d4</i> | 108 % | <i>Limit 70-120</i> | | 1 | 04/27/2011 | VCM | 1100162 | |
| | <i>Surrogate: 4-Bromofluorobenzene</i> | 112 % | <i>Limit 75-120</i> | | 1 | 04/27/2011 | VCM | 1100162 | |
| | <i>Surrogate: Dibromofluoromethane</i> | 111 % | <i>Limit 85-115</i> | | 1 | 04/27/2011 | VCM | 1100162 | |
| | <i>Surrogate: Toluene-d8</i> | 96.0 % | <i>Limit 85-120</i> | | 1 | 04/27/2011 | VCM | 1100162 | |

Volatile Organic Compounds by EPA Method 8260B

| | | |
|-------------------------|-------------------------------------|--------------------------|
| Station ID: Field Blank | Date / Time Sampled: 04/21/11 11:00 | Workorder 1104027 |
| EPA Tag No.: 8260 | Matrix: Water | Lab Number: 1104027-07 A |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | | |
|-----------|-----------------------------|--------------|-------|-------------|--------------|----------|------------|-----|---------|
| | | | | | | Factor | Analyzed | By | Batch |
| EPA 8260B | 1,1,1,2-Tetrachloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,1-Trichloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2,2-Tetrachloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1,2-Trichloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloroethene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,1-Dichloropropene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,3-Trichloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2,4-Trimethylbenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromo-3-chloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dibromoethane (EDB) | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,2-Dichloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3,5-Trimethylbenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dichloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,3-Dimethyl adamantane | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 1,4-Dichlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2,2-Dichloropropane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Butanone | 0.820 | ug/L | | 0.500 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Chlorotoluene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 2-Hexanone | 0.410 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 4-Chlorotoluene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | 4-Methyl-2-pentanone | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Acetone | 1.38 | ug/L | | 1.00 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Acrylonitrile | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Adamantane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Allyl chloride | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Benzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromochloromethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromodichloromethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromoform | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Bromomethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Carbon disulfide | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Carbon tetrachloride | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chlorobenzene | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chlorodibromomethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloroethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloroform | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Chloromethane | < 0.250 | ug/L | | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |

Volatile Organic Compounds by EPA Method 8260B

| | | | | | | | | | |
|-------------------|---------------------------|-------------------|---------------------|-------|-------|------------|------------|---------|---------|
| EPA 8260B | cis-1,2-Dichloroethene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | cis-1,3-Dichloropropene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Dibromomethane | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Ethyl Ether | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Ethylbenzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Hexachlorobutadiene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Hexachloroethane | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Iodomethane | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Isopropylbenzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | m,p-Xylene | 0.700 | ug/L | 0.500 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Methacrylonitrile | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Methyl Acrylate | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Methyl tert-Butyl Ether | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Methylene chloride | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Naphthalene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | n-Butyl Benzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | n-Propyl Benzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | o-Xylene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | p-Isopropyltoluene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | sec-Butylbenzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Styrene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | tert-Butylbenzene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Tetrachloroethene | < 0.250 | ug/L | J | 0.250 | 1 | 04/27/2011 | VCM | 1100162 |
| EPA 8260B | Toluene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | trans-1,2-Dichloroethene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | trans-1,3-Dichloropropene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Trichloroethene | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Trichlorofluoromethane | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Vinyl chloride | < 0.250 | ug/L | 0.250 | 1 | 04/27/2011 | VCM | 1100162 | |
| EPA 8260B | Xylenes (total) | < 1.00 | ug/L | 1.00 | 1 | 04/27/2011 | VCM | 1100162 | |
| <i>Surrogate:</i> | 1,2-Dichloroethane-d4 | 106 % | <i>Limit 70-120</i> | | 1 | 04/27/2011 | VCM | 1100162 | |
| <i>Surrogate:</i> | 4-Bromofluorobenzene | 116 % | <i>Limit 75-120</i> | | 1 | 04/27/2011 | VCM | 1100162 | |
| <i>Surrogate:</i> | Dibromofluoromethane | 110 % | <i>Limit 85-115</i> | | 1 | 04/27/2011 | VCM | 1100162 | |
| <i>Surrogate:</i> | Toluene-d8 | 98.0 % | <i>Limit 85-120</i> | | 1 | 04/27/2011 | VCM | 1100162 | |

**Project: Pavillion 2011 #1 LSR No: 1104024
Semivolatile Organic Compounds by EPA Method 8270D**

Certificate of Analysis

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | |
|-------------------------|----------------------|----------------|-------------|--------------|
| Station ID: PGDW20-0411 | Date / Time Sampled: | 04/18/11 11:45 | Workorder | 1104024 |
| EPA Tag No.: 8270 CLP | Matrix: | Water | Lab Number: | 1104024-01 B |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | | |
|-----------|-----------------------------|---------|-------|-------------|--------------|----------|------------|-----|---------|
| | | | | | | Factor | Analyzed | By | Batch |
| EPA 8270D | 1,2,4-Trichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,2-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,2-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,3-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,3-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,4-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,4-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1-Methylnaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,3,4,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,3,5,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4,5-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4,6-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4-Dichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4-Dimethylphenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4-Dinitrophenol | < 2.00 | ug/L | J | 2.00 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,6-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Chloronaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Chlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Methylnaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Nitrophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 3 & 4-Methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 3,3'-Dichlorobenzidine | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 3-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4,6-Dinitro-2-methylphenol | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Bromophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Chloro-3-methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Chloroaniline | < 1.00 | ug/L | | 1.00 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Chlorophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Nitrophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Acenaphthene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Acenaphthylene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Aniline | < 2.50 | ug/L | | 2.50 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Anthracene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Azobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (a) anthracene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (a) pyrene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (b) fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (g,h,i) perylene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (k) fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzoic acid | < 1.00 | ug/L | | 1.00 | 1 | 04/22/2011 | VCM | 1100175 |

Project: Pavillion 2011 #1 LSR No: 1104024

Certificate of Analysis

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|---------------------------------|-----------------------------|---------|--------------|-------|-------|------------|------------|---------|---------|
| EPA 8270D | Benzyl alcohol | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis(2-chloroethoxy)methane | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis(2-chloroethyl)ether | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis(2-chloroisopropyl)ether | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis-(2-Ethylhexyl) Adipate | < 1.00 | ug/L | 1.00 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis(2-ethylhexyl)phthalate | < 1.00 | ug/L | 1.00 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Butyl benzyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Carbazole | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Chrysene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Dibenz (a,h) anthracene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Dibenzofuran | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Diethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Dimethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Di-n-butyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Di-n-octyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Diphenylamine | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Fluoranthene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Fluorene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Hexachlorobenzene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Hexachlorobutadiene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Hexachlorocyclopentadiene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Hexachloroethane | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Indeno (1,2,3-cd) pyrene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Isophorone | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Naphthalene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Nitrobenzene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | N-Nitrosodimethylamine | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | N-Nitrosodi-n-propylamine | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Pentachlorophenol | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Phenanthrene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Phenol | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Pyrene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Pyridine | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| Surrogate: 2,4,6-Tribromophenol | | 86.6 % | Limit 40-130 | | | 1 | 04/22/2011 | VCM | 1100175 |
| Surrogate: 2-Fluorobiphenyl | | 86.2 % | Limit 50-130 | | | 1 | 04/22/2011 | VCM | 1100175 |
| Surrogate: 2-Fluorophenol | | 88.8 % | Limit 50-130 | | | 1 | 04/22/2011 | VCM | 1100175 |
| Surrogate: Nitrobenzene-d5 | | 87.0 % | Limit 40-130 | | | 1 | 04/22/2011 | VCM | 1100175 |
| Surrogate: Phenol-d6 | | 85.2 % | Limit 50-130 | | | 1 | 04/22/2011 | VCM | 1100175 |
| Surrogate: Terphenyl-d14 | | 100 % | Limit 50-130 | | | 1 | 04/22/2011 | VCM | 1100175 |

Station ID: PGDW20-0411

Date / Time Sampled: 04/18/11 11:45 Workorder 1104024

EPA Tag No.: 8270 PAV

Matrix: Water

Lab Number: 1104024-01 C

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | | |
|-----------|-------------------------|---------|-------|-------------|--------------|----------|------------|-----|---------|
| | | | | | | Factor | Analyzed | By | Batch |
| EPA 8270D | (R)-(+)-Limonene | < 0.100 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | 1,3-Dimethyl adamantane | < 0.100 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | 2-Butoxyethanol | < 0.100 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | |
|-------------------|------------------------------|---------|---------------------|-------|---|------------|-----|---------|
| EPA 8270D | Adamantane | < 0.100 | ug/L | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | Squalene | < 1.00 | ug/L | 1.00 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | Terpinol | < 0.100 | ug/L | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | Tri(2-butoxyethyl) Phosphate | < 0.500 | ug/L | 0.500 | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate:</i> | <i>2-Fluorobiphenyl</i> | 78.8 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate:</i> | <i>2-Fluorophenol</i> | 70.8 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate:</i> | <i>Nitrobenzene-d5</i> | 81.8 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate:</i> | <i>Phenol-d6</i> | 78.4 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate:</i> | <i>Terphenyl-d14</i> | 81.4 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |

Semivolatile Organic Compounds by EPA Method 8270D

| Station ID: PGDW26-0411 | | Date / Time Sampled: | 04/18/11 13:15 | | Workorder | | 1104024 | |
|-------------------------|-----------------------------|----------------------|----------------|-------------|--------------|-----------------|--------------|-------------|
| EPA Tag No.: 8270 CLP | | Matrix: | Water | | Lab Number: | | 1104024-02 B | |
| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed By | Batch |
| EPA 8270D | 1,2,4-Trichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 1,2-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 1,2-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 1,3-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 1,3-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 1,4-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 1,4-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 1-MethylNaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2,3,4,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2,3,5,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2,4,5-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2,4,6-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2,4-Dichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2,4-Dimethylphenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2,4-Dinitrophenol | < 2.00 | ug/L | J | 2.00 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2,4-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2,6-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2-Chloronaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2-Chlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2-MethylNaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2-Methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2-Nitrophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 3 & 4-Methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 3,3'-Dichlorobenzidine | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 3-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 4,6-Dinitro-2-methylphenol | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 4-Bromophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 4-Chloro-3-methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 4-Chloroaniline | < 1.00 | ug/L | | 1.00 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 4-Chlorophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 4-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 4-Nitrophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | Acenaphthene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | Acenaphthylene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | Aniline | < 2.50 | ug/L | | 2.50 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | Anthracene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | Azobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | Benzo (a) anthracene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | Benzo (a) pyrene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | Benzo (b) fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | Benzo (g,h,i) perylene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | Benzo (k) fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | Benzoic acid | < 1.00 | ug/L | | 1.00 | 1 | 04/22/2011 | VCM 1100175 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|--|-----------------------------------|-------------|---------------------|-------|-------|------------|------------|---------|---------|
| EPA 8270D | Benzyl alcohol | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis(2-chloroethoxy)methane | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis(2-chloroethyl)ether | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis(2-chloroisopropyl)ether | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis-(2-Ethylhexyl) Adipate | < 1.00 | ug/L | 1.00 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis(2-ethylhexyl)phthalate | 3.48 | ug/L | 1.00 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Butyl benzyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Carbazole | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Chrysene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Dibenz (a,h) anthracene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Dibenzofuran | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Diethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Dimethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Di-n-butyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Di-n-octyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Diphenylamine | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Fluoranthene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Fluorene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Hexachlorobenzene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Hexachlorobutadiene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Hexachlorocyclopentadiene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Hexachloroethane | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Indeno (1,2,3-cd) pyrene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Isophorone | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Naphthalene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Nitrobenzene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | N-Nitrosodimethylamine | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | N-Nitrosodi-n-propylamine | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Pentachlorophenol | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Phenanthrene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Phenol | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Pyrene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Pyridine | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| <i>Surrogate: 2,4,6-Tribromophenol</i> | | 110 % | <i>Limit 40-130</i> | | 1 | 04/22/2011 | VCM | 1100175 | |
| <i>Surrogate: 2-Fluorobiphenyl</i> | | 83.6 % | <i>Limit 50-130</i> | | 1 | 04/22/2011 | VCM | 1100175 | |
| <i>Surrogate: 2-Fluorophenol</i> | | 87.6 % | <i>Limit 50-130</i> | | 1 | 04/22/2011 | VCM | 1100175 | |
| <i>Surrogate: Nitrobenzene-d5</i> | | 83.6 % | <i>Limit 40-130</i> | | 1 | 04/22/2011 | VCM | 1100175 | |
| <i>Surrogate: Phenol-d6</i> | | 87.6 % | <i>Limit 50-130</i> | | 1 | 04/22/2011 | VCM | 1100175 | |
| <i>Surrogate: Terphenyl-d14</i> | | 96.0 % | <i>Limit 50-130</i> | | 1 | 04/22/2011 | VCM | 1100175 | |

Station ID: PGDW26-0411

Date / Time Sampled: 04/18/11 13:15

Workorder 1104024

EPA Tag No.: 8270 PAV

Matrix: Water

Lab Number: 1104024-02 C

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | | |
|-----------|-------------------------|---------|-------|-------------|--------------|----------|------------|-----|---------|
| | | | | | | Factor | Analyzed | By | Batch |
| EPA 8270D | (R)-(+)-Limonene | < 0.100 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | 1,3-Dimethyl adamantane | < 0.100 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | 2-Butoxyethanol | < 0.100 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | |
|-------------------|------------------------------|---------|---------------------|-------|---|------------|-----|---------|
| EPA 8270D | Adamantane | < 0.100 | ug/L | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | Squalene | < 1.00 | ug/L | 1.00 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | Terpinol | < 0.100 | ug/L | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | Tri(2-butoxyethyl) Phosphate | < 0.500 | ug/L | 0.500 | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate:</i> | <i>2-Fluorobiphenyl</i> | 83.6 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate:</i> | <i>2-Fluorophenol</i> | 74.6 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate:</i> | <i>Nitrobenzene-d5</i> | 89.4 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate:</i> | <i>Phenol-d6</i> | 88.0 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate:</i> | <i>Terphenyl-d14</i> | 85.2 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |

Semivolatile Organic Compounds by EPA Method 8270D

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|-----------|-----------------------------|---------|-------|-------------|--------------|-----------------|------------|-----|---------|
| EPA 8270D | 1,2,4-Trichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,2-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,2-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,3-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,3-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,4-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,4-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1-MethylNaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,3,4,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,3,5,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4,5-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4,6-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4-Dichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4-Dimethylphenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4-Dinitrophenol | < 2.00 | ug/L | J | 2.00 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,6-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Chloronaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Chlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-MethylNaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Nitrophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 3 & 4-Methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 3,3'-Dichlorobenzidine | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 3-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4,6-Dinitro-2-methylphenol | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Bromophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Chloro-3-methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Chloroaniline | < 1.00 | ug/L | | 1.00 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Chlorophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Nitrophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Acenaphthene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Acenaphthylene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Aniline | < 2.50 | ug/L | | 2.50 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Anthracene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Azobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (a) anthracene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (a) pyrene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (b) fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (g,h,i) perylene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (k) fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzoic acid | < 1.00 | ug/L | | 1.00 | 1 | 04/22/2011 | VCM | 1100175 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|--|-----------------------------------|-------------|---------------------|-------|-------|------------|------------|---------|---------|
| EPA 8270D | Benzyl alcohol | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis(2-chloroethoxy)methane | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis(2-chloroethyl)ether | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis(2-chloroisopropyl)ether | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis-(2-Ethylhexyl) Adipate | < 1.00 | ug/L | 1.00 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis(2-ethylhexyl)phthalate | 1.26 | ug/L | 1.00 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Butyl benzyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Carbazole | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Chrysene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Dibenz (a,h) anthracene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Dibenzofuran | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Diethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Dimethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Di-n-butyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Di-n-octyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Diphenylamine | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Fluoranthene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Fluorene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Hexachlorobenzene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Hexachlorobutadiene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Hexachlorocyclopentadiene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Hexachloroethane | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Indeno (1,2,3-cd) pyrene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Isophorone | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Naphthalene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Nitrobenzene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | N-Nitrosodimethylamine | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | N-Nitrosodi-n-propylamine | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Pentachlorophenol | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Phenanthrene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Phenol | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Pyrene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Pyridine | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| <i>Surrogate: 2,4,6-Tribromophenol</i> | | 112 % | <i>Limit 40-130</i> | | | 1 | 04/22/2011 | VCM | 1100175 |
| <i>Surrogate: 2-Fluorobiphenyl</i> | | 74.6 % | <i>Limit 50-130</i> | | | 1 | 04/22/2011 | VCM | 1100175 |
| <i>Surrogate: 2-Fluorophenol</i> | | 72.8 % | <i>Limit 50-130</i> | | | 1 | 04/22/2011 | VCM | 1100175 |
| <i>Surrogate: Nitrobenzene-d5</i> | | 72.2 % | <i>Limit 40-130</i> | | | 1 | 04/22/2011 | VCM | 1100175 |
| <i>Surrogate: Phenol-d6</i> | | 75.2 % | <i>Limit 50-130</i> | | | 1 | 04/22/2011 | VCM | 1100175 |
| <i>Surrogate: Terphenyl-dl4</i> | | 103 % | <i>Limit 50-130</i> | | | 1 | 04/22/2011 | VCM | 1100175 |

Station ID: PGDW30-0411

Date / Time Sampled: 04/18/11 16:20

Workorder 1104024

EPA Tag No.: 8270 PAV

Matrix: Water

Lab Number: 1104024-03 C

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | | |
|-----------|--------------------------------|--------------|-------|-------------|--------------|----------|------------|-----|---------|
| | | | | | | Factor | Analyzed | By | Batch |
| EPA 8270D | (R)-(+)-Limonene | < 0.100 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | 1,3-Dimethyl adamantane | 0.720 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | 2-Butoxyethanol | < 0.100 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | |
|-------------------|------------------------------|---------|---------------------|-------|---|------------|-----|---------|
| EPA 8270D | Adamantane | < 0.100 | ug/L | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | Squalene | < 1.00 | ug/L | 1.00 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | Terpinol | < 0.100 | ug/L | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | Tri(2-butoxyethyl) Phosphate | < 0.500 | ug/L | 0.500 | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate:</i> | <i>2-Fluorobiphenyl</i> | 65.6 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate:</i> | <i>2-Fluorophenol</i> | 60.6 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate:</i> | <i>Nitrobenzene-d5</i> | 71.4 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate:</i> | <i>Phenol-d6</i> | 68.4 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate:</i> | <i>Terphenyl-d14</i> | 84.4 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |

Semivolatile Organic Compounds by EPA Method 8270D

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|-----------|-----------------------------|---------|-------|-------------|--------------|-----------------|------------|-----|---------|
| EPA 8270D | 1,2,4-Trichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,2-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,2-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,3-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,3-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,4-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,4-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1-MethylNaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,3,4,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,3,5,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4,5-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4,6-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4-Dichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4-Dimethylphenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4-Dinitrophenol | < 2.00 | ug/L | J | 2.00 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,6-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Chloronaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Chlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-MethylNaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Nitrophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 3 & 4-Methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 3,3'-Dichlorobenzidine | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 3-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4,6-Dinitro-2-methylphenol | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Bromophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Chloro-3-methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Chloroaniline | < 1.00 | ug/L | | 1.00 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Chlorophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Nitrophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Acenaphthene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Acenaphthylene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Aniline | < 2.50 | ug/L | | 2.50 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Anthracene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Azobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (a) anthracene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (a) pyrene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (b) fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (g,h,i) perylene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (k) fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzoic acid | < 1.00 | ug/L | | 1.00 | 1 | 04/22/2011 | VCM | 1100175 |

Project: Pavillion 2011 #1 LSR No: 1104024

Certificate of Analysis

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|---------------------------------|-----------------------------|---------|--------------|-------|-------|------------|------------|---------|---------|
| EPA 8270D | Benzyl alcohol | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis(2-chloroethoxy)methane | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis(2-chloroethyl)ether | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis(2-chloroisopropyl)ether | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis-(2-Ethylhexyl) Adipate | < 1.00 | ug/L | 1.00 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis(2-ethylhexyl)phthalate | < 1.00 | ug/L | 1.00 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Butyl benzyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Carbazole | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Chrysene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Dibenz (a,h) anthracene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Dibenzofuran | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Diethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Dimethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Di-n-butyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Di-n-octyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Diphenylamine | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Fluoranthene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Fluorene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Hexachlorobenzene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Hexachlorobutadiene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Hexachlorocyclopentadiene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Hexachloroethane | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Indeno (1,2,3-cd) pyrene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Isophorone | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Naphthalene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Nitrobenzene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | N-Nitrosodimethylamine | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | N-Nitrosodi-n-propylamine | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Pentachlorophenol | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Phenanthrene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Phenol | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Pyrene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Pyridine | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| Surrogate: 2,4,6-Tribromophenol | | 116 % | Limit 40-130 | | | 1 | 04/22/2011 | VCM | 1100175 |
| Surrogate: 2-Fluorobiphenyl | | 83.6 % | Limit 50-130 | | | 1 | 04/22/2011 | VCM | 1100175 |
| Surrogate: 2-Fluorophenol | | 87.4 % | Limit 50-130 | | | 1 | 04/22/2011 | VCM | 1100175 |
| Surrogate: Nitrobenzene-d5 | | 83.2 % | Limit 40-130 | | | 1 | 04/22/2011 | VCM | 1100175 |
| Surrogate: Phenol-d6 | | 87.0 % | Limit 50-130 | | | 1 | 04/22/2011 | VCM | 1100175 |
| Surrogate: Terphenyl-d14 | | 102 % | Limit 50-130 | | | 1 | 04/22/2011 | VCM | 1100175 |

Station ID: PGDW32-0411

Date / Time Sampled: 04/18/11 06:00

Workorder 1104024

EPA Tag No.: 8270 PAV

Matrix: Water

Lab Number: 1104024-04 C

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | | |
|-----------|-------------------------|---------|-------|-------------|--------------|----------|------------|-----|---------|
| | | | | | | Factor | Analyzed | By | Batch |
| EPA 8270D | (R)-(+)-Limonene | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | 1,3-Dimethyl adamantane | < 0.100 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | 2-Butoxyethanol | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | |
|------------------------------------|------------------------------|---------|---------------------|-------|---|------------|-----|---------|
| EPA 8270D | Adamantane | 0.120 | ug/L | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | Squalene | < 1.00 | ug/L | 1.00 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | Terpinol | < 0.100 | ug/L | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | Tri(2-butoxyethyl) Phosphate | < 0.500 | ug/L | 0.500 | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate: 2-Fluorobiphenyl</i> | | 80.0 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate: 2-Fluorophenol</i> | | 38.2 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate: Nitrobenzene-d5</i> | | 84.6 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate: Phenol-d6</i> | | 56.6 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate: Terphenyl-d14</i> | | 82.8 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | |
|--------------------------|-------------------------------------|--------------------------|
| Station ID: PGDW32D-0411 | Date / Time Sampled: 04/18/11 06:00 | Workorder 1104024 |
| EPA Tag No.: 8270 CLP | Matrix: Water | Lab Number: 1104024-05 B |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | | |
|-----------|-----------------------------|---------|-------|-------------|--------------|----------|------------|-----|---------|
| | | | | | | Factor | Analyzed | By | Batch |
| EPA 8270D | 1,2,4-Trichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,2-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,2-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,3-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,3-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,4-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,4-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1-Methylnaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,3,4,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,3,5,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4,5-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4,6-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4-Dichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4-Dimethylphenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4-Dinitrophenol | < 2.00 | ug/L | J | 2.00 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,6-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Chloronaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Chlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Methylnaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Nitrophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 3 & 4-Methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 3,3'-Dichlorobenzidine | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 3-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4,6-Dinitro-2-methylphenol | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Bromophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Chloro-3-methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Chloroaniline | < 1.00 | ug/L | | 1.00 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Chlorophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Nitrophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Acenaphthene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Acenaphthylene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Aniline | < 2.50 | ug/L | | 2.50 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Anthracene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Azobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (a) anthracene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (a) pyrene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (b) fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (g,h,i) perylene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (k) fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzoic acid | < 1.00 | ug/L | | 1.00 | 1 | 04/22/2011 | VCM | 1100175 |

Project: Pavillion 2011 #1 LSR No: 1104024

Certificate of Analysis

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|---------------------------------|-----------------------------|---------|--------------|-------|-------|------------|------------|---------|---------|
| EPA 8270D | Benzyl alcohol | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis(2-chloroethoxy)methane | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis(2-chloroethyl)ether | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis(2-chloroisopropyl)ether | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis-(2-Ethylhexyl) Adipate | < 1.00 | ug/L | 1.00 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis(2-ethylhexyl)phthalate | < 1.00 | ug/L | 1.00 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Butyl benzyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Carbazole | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Chrysene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Dibenz (a,h) anthracene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Dibenzofuran | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Diethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Dimethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Di-n-butyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Di-n-octyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Diphenylamine | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Fluoranthene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Fluorene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Hexachlorobenzene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Hexachlorobutadiene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Hexachlorocyclopentadiene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Hexachloroethane | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Indeno (1,2,3-cd) pyrene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Isophorone | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Naphthalene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Nitrobenzene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | N-Nitrosodimethylamine | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | N-Nitrosodi-n-propylamine | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Pentachlorophenol | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Phenanthrene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Phenol | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Pyrene | < 0.500 | ug/L | 0.500 | 1 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Pyridine | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| Surrogate: 2,4,6-Tribromophenol | | 104 % | Limit 40-130 | | | 1 | 04/22/2011 | VCM | 1100175 |
| Surrogate: 2-Fluorobiphenyl | | 77.6 % | Limit 50-130 | | | 1 | 04/22/2011 | VCM | 1100175 |
| Surrogate: 2-Fluorophenol | | 79.2 % | Limit 50-130 | | | 1 | 04/22/2011 | VCM | 1100175 |
| Surrogate: Nitrobenzene-d5 | | 77.4 % | Limit 40-130 | | | 1 | 04/22/2011 | VCM | 1100175 |
| Surrogate: Phenol-d6 | | 80.2 % | Limit 50-130 | | | 1 | 04/22/2011 | VCM | 1100175 |
| Surrogate: Terphenyl-d14 | | 92.8 % | Limit 50-130 | | | 1 | 04/22/2011 | VCM | 1100175 |

Station ID: PGDW32D-0411

Date / Time Sampled: 04/18/11 06:00

Workorder 1104024

EPA Tag No.: 8270 PAV

Matrix: Water

Lab Number: 1104024-05 C

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | | |
|-----------|-------------------------|---------|-------|-------------|--------------|----------|------------|-----|---------|
| | | | | | | Factor | Analyzed | By | Batch |
| EPA 8270D | (R)-(+)-Limonene | < 0.100 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | 1,3-Dimethyl adamantane | < 0.100 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | 2-Butoxyethanol | < 0.100 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | |
|-------------------|------------------------------|---------|---------------------|-------|---|------------|-----|---------|
| EPA 8270D | Adamantane | 0.120 | ug/L | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | Squalene | < 1.00 | ug/L | 1.00 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | Terpinol | < 0.100 | ug/L | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | Tri(2-butoxyethyl) Phosphate | < 0.500 | ug/L | 0.500 | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate:</i> | <i>2-Fluorobiphenyl</i> | 86.6 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate:</i> | <i>2-Fluorophenol</i> | 63.0 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate:</i> | <i>Nitrobenzene-d5</i> | 91.8 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate:</i> | <i>Phenol-d6</i> | 82.4 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate:</i> | <i>Terphenyl-d14</i> | 91.2 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |

Semivolatile Organic Compounds by EPA Method 8270D

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|-----------|-------------------------------|-------------|-------|-------------|--------------|-----------------|------------|-----|---------|
| EPA 8270D | 1,2,4-Trichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,2-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,2-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,3-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,3-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,4-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,4-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1-Methylnaphthalene | 1.03 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,3,4,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,3,5,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4,5-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4,6-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4-Dichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4-Dimethylphenol | 23.2 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4-Dinitrophenol | < 2.00 | ug/L | J | 2.00 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,6-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Chloronaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Chlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Methylnaphthalene | 1.75 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Methylphenol | 10.3 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Nitrophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 3 & 4-Methylphenol | 16.9 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 3,3'-Dichlorobenzidine | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 3-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4,6-Dinitro-2-methylphenol | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Bromophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Chloro-3-methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Chloroaniline | < 1.00 | ug/L | | 1.00 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Chlorophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Nitrophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Acenaphthene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Acenaphthylene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Aniline | < 2.50 | ug/L | | 2.50 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Anthracene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Azobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (a) anthracene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (a) pyrene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (b) fluoranthene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (g,h,i) perylene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (k) fluoranthene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|--|-----------------------------------|---------|---------------------|---|-------|----|------------|-----|---------|
| EPA 8270D | Benzoic acid | 209 | ug/L | J | 10.0 | 10 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzyl alcohol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Bis(2-chloroethoxy)methane | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Bis(2-chloroethyl)ether | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Bis(2-chloroisopropyl)ether | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Bis-(2-Ethylhexyl) Adipate | < 1.00 | ug/L | | 1.00 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Bis(2-ethylhexyl)phthalate | 2.17 | ug/L | | 1.00 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Butyl benzyl phthalate | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Carbazole | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Chrysene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Dibenz (a,h) anthracene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Dibenzofuran | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Diethyl phthalate | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Dimethyl phthalate | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Di-n-butyl phthalate | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Di-n-octyl phthalate | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Diphenylamine | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Fluorene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Hexachlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Hexachlorobutadiene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Hexachlorocyclopentadiene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Hexachloroethane | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Indeno (1,2,3-cd) pyrene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Isophorone | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Naphthalene | 3.32 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Nitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | N-Nitrosodimethylamine | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | N-Nitrosodi-n-propylamine | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Pentachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Phenanthrene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Phenol | 14.5 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Pyrene | < 0.500 | ug/L | | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Pyridine | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| <i>Surrogate: 2,4,6-Tribromophenol</i> | | 128 % | <i>Limit 40-130</i> | | | 1 | 04/22/2011 | VCM | 1100175 |
| <i>Surrogate: 2-Fluorobiphenyl</i> | | 63.4 % | <i>Limit 50-130</i> | | | 1 | 04/22/2011 | VCM | 1100175 |
| <i>Surrogate: 2-Fluorophenol</i> | | 2.20 % | <i>Limit 50-130</i> | | | 1 | 04/22/2011 | VCM | 1100175 |
| <i>Surrogate: Nitrobenzene-d5</i> | | 103 % | <i>Limit 40-130</i> | | | 1 | 04/22/2011 | VCM | 1100175 |
| <i>Surrogate: Phenol-d6</i> | | 1.00 % | <i>Limit 50-130</i> | | | 1 | 04/22/2011 | VCM | 1100175 |
| <i>Surrogate: Terphenyl-dl4</i> | | 82.4 % | <i>Limit 50-130</i> | | | 1 | 04/22/2011 | VCM | 1100175 |

Station ID: EPAMW02-0411

Date / Time Sampled: 04/19/11 11:00

Workorder 1104024

EPA Tag No.: 8270 PAV

Matrix: Water

Lab Number: 1104024-06 C

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|-----------|-------------------------|---------|-------|-------------|--------------|-----------------|------------|-----|---------|
| EPA 8270D | (R)-(+)-Limonene | < 0.100 | ug/L | | 0.100 | 1 | 05/11/2011 | VCM | 1100211 |
| EPA 8270D | 1,3-Dimethyl adamantane | < 0.100 | ug/L | J | 0.100 | 1 | 05/11/2011 | VCM | 1100211 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|------------------------------------|------------------------------|---------|---------------------|-------|-------|------------|------------|---------|---------|
| EPA 8270D | 2-Butoxyethanol | < 0.100 | ug/L | 0.100 | 1 | 05/11/2011 | VCM | 1100211 | |
| EPA 8270D | Adamantane | < 0.100 | ug/L | J | 0.100 | 1 | 05/11/2011 | VCM | 1100211 |
| EPA 8270D | Squalene | < 1.00 | ug/L | | 1.00 | 1 | 05/11/2011 | VCM | 1100211 |
| EPA 8270D | Terpinol | < 0.100 | ug/L | J | 0.100 | 1 | 05/11/2011 | VCM | 1100211 |
| EPA 8270D | Tri(2-butoxyethyl) Phosphate | < 0.500 | ug/L | J | 0.500 | 1 | 05/11/2011 | VCM | 1100211 |
| <i>Surrogate: 2-Fluorobiphenyl</i> | | 37.6 % | <i>Limit 60-130</i> | | | 1 | 05/11/2011 | VCM | 1100211 |
| <i>Surrogate: 2-Fluorophenol</i> | | 75.2 % | <i>Limit 60-130</i> | | | 1 | 05/11/2011 | VCM | 1100211 |
| <i>Surrogate: Nitrobenzene-d5</i> | | 54.6 % | <i>Limit 60-130</i> | | | 1 | 05/11/2011 | VCM | 1100211 |
| <i>Surrogate: Phenol-d6</i> | | 104 % | <i>Limit 60-130</i> | | | 1 | 05/11/2011 | VCM | 1100211 |
| <i>Surrogate: Terphenyl-dl4</i> | | 38.2 % | <i>Limit 60-130</i> | | | 1 | 05/11/2011 | VCM | 1100211 |

Semivolatile Organic Compounds by EPA Method 8270D

Station ID: EPAMW02D-0411

Date / Time Sampled: 04/19/11 11:00

Workorder 1104024

EPA Tag No.: 8270 CLP

Matrix: Water

Lab Number: 1104024-07 B

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | |
|-----------|-------------------------------|-------------|-------|-------------|--------------|----------|------------|-------------|
| | | | | | | Factor | Analyzed | By |
| EPA 8270D | 1,2,4-Trichlorobenzene | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 1,2-Dichlorobenzene | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 1,2-Dinitrobenzene | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 1,3-Dichlorobenzene | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 1,3-Dinitrobenzene | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 1,4-Dichlorobenzene | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 1,4-Dinitrobenzene | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 1-MethylNaphthalene | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2,3,4,6-Tetrachlorophenol | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2,3,5,6-Tetrachlorophenol | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2,4,5-Trichlorophenol | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2,4,6-Trichlorophenol | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2,4-Dichlorophenol | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2,4-Dimethylphenol | 46.3 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2,4-Dinitrophenol | < 20.0 | ug/L | J | 20.0 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2,4-Dinitrotoluene | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2,6-Dinitrotoluene | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2-Chloronaphthalene | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2-Chlorophenol | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2-MethylNaphthalene | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2-Methylphenol | 20.9 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2-Nitroaniline | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 2-Nitrophenol | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 3 & 4-Methylphenol | 34.6 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 3,3'-Dichlorobenzidine | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 3-Nitroaniline | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 4,6-Dinitro-2-methylphenol | < 5.00 | ug/L | J | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 4-Bromophenyl phenyl ether | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 4-Chloro-3-methylphenol | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 4-Chloroaniline | < 10.0 | ug/L | | 10.0 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 4-Chlorophenyl phenyl ether | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 4-Nitroaniline | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | 4-Nitrophenol | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | Acenaphthene | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | Acenaphthylene | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | Aniline | < 25.0 | ug/L | | 25.0 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | Anthracene | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | Azobenzene | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | Benzo (a) anthracene | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | Benzo (a) pyrene | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | Benzo (b) fluoranthene | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | Benzo (g,h,i) perylene | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | Benzo (k) fluoranthene | < 5.00 | ug/L | | 5.00 | 10 | 04/22/2011 | VCM 1100175 |
| EPA 8270D | Benzoic acid | 364 | ug/L | J | 10.0 | 10 | 04/22/2011 | VCM 1100175 |

Project: Pavillion 2011 #1 LSR No: 1104024

Certificate of Analysis

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|-----------|---------------------------------|-------------|--------------|------|------|------------|------------|---------|---------|
| EPA 8270D | Benzyl alcohol | < 5.00 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis(2-chloroethoxy)methane | < 5.00 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis(2-chloroethyl)ether | < 5.00 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis(2-chloroisopropyl)ether | < 5.00 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis-(2-Ethylhexyl) Adipate | < 10.0 | ug/L | 10.0 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Bis(2-ethylhexyl)phthalate | < 10.0 | ug/L | 10.0 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Butyl benzyl phthalate | 7.40 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Carbazole | < 5.00 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Chrysene | < 5.00 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Dibenz (a,h) anthracene | < 5.00 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Dibenzofuran | < 5.00 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Diethyl phthalate | < 5.00 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Dimethyl phthalate | < 5.00 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Di-n-butyl phthalate | < 5.00 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Di-n-octyl phthalate | < 5.00 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Diphenylamine | < 5.00 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Fluoranthene | < 5.00 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Fluorene | < 5.00 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Hexachlorobenzene | < 5.00 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Hexachlorobutadiene | < 5.00 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Hexachlorocyclopentadiene | < 5.00 | ug/L | J | 5.00 | 10 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Hexachloroethane | < 5.00 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Indeno (1,2,3-cd) pyrene | < 5.00 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Isophorone | < 5.00 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Naphthalene | < 5.00 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Nitrobenzene | < 5.00 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | N-Nitrosodimethylamine | < 5.00 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | N-Nitrosodi-n-propylamine | < 5.00 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Pentachlorophenol | < 5.00 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Phenanthrene | < 5.00 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Phenol | 29.2 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Pyrene | < 5.00 | ug/L | 5.00 | 10 | 04/22/2011 | VCM | 1100175 | |
| EPA 8270D | Pyridine | < 5.00 | ug/L | J | 5.00 | 10 | 04/22/2011 | VCM | 1100175 |
| | Surrogate: 2,4,6-Tribromophenol | 136 % | Limit 40-130 | | | 10 | 04/22/2011 | VCM | 1100175 |
| | Surrogate: 2-Fluorobiphenyl | 84.0 % | Limit 50-130 | | | 10 | 04/22/2011 | VCM | 1100175 |
| | Surrogate: 2-Fluorophenol | 90.0 % | Limit 50-130 | | | 10 | 04/22/2011 | VCM | 1100175 |
| | Surrogate: Nitrobenzene-d5 | 80.0 % | Limit 40-130 | | | 10 | 04/22/2011 | VCM | 1100175 |
| | Surrogate: Phenol-d6 | 166 % | Limit 50-130 | | | 10 | 04/22/2011 | VCM | 1100175 |
| | Surrogate: Terphenyl-d14 | 72.0 % | Limit 50-130 | | | 10 | 04/22/2011 | VCM | 1100175 |

Station ID: EPAMW02D-0411

Date / Time Sampled: 04/19/11 11:00

Workorder 1104024

EPA Tag No.: 8270 PAV

Matrix: Water

Lab Number: 1104024-07 C

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | | |
|-----------|-------------------------|---------|-------|-------------|--------------|----------|------------|-----|---------|
| | | | | | | Factor | Analyzed | By | Batch |
| EPA 8270D | (R)-(+)-Limonene | < 0.100 | ug/L | J | 0.100 | 1 | 05/11/2011 | VCM | 1100211 |
| EPA 8270D | 1,3-Dimethyl adamantane | < 0.100 | ug/L | J | 0.100 | 1 | 05/11/2011 | VCM | 1100211 |
| EPA 8270D | 2-Butoxyethanol | < 0.100 | ug/L | J | 0.100 | 1 | 05/11/2011 | VCM | 1100211 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|------------------------------------|------------------------------|---------|---------------------|---|-------|---|------------|-----|---------|
| EPA 8270D | Adamantane | < 0.100 | ug/L | J | 0.100 | 1 | 05/11/2011 | VCM | 1100211 |
| EPA 8270D | Squalene | < 1.00 | ug/L | | 1.00 | 1 | 05/11/2011 | VCM | 1100211 |
| EPA 8270D | Terpinol | < 0.100 | ug/L | J | 0.100 | 1 | 05/11/2011 | VCM | 1100211 |
| EPA 8270D | Tri(2-butoxyethyl) Phosphate | < 0.500 | ug/L | J | 0.500 | 1 | 05/11/2011 | VCM | 1100211 |
| <i>Surrogate: 2-Fluorobiphenyl</i> | | 61.0 % | <i>Limit 60-130</i> | | | 1 | 05/11/2011 | VCM | 1100211 |
| <i>Surrogate: 2-Fluorophenol</i> | | 12.8 % | <i>Limit 60-130</i> | | | 1 | 05/11/2011 | VCM | 1100211 |
| <i>Surrogate: Nitrobenzene-d5</i> | | 72.0 % | <i>Limit 60-130</i> | | | 1 | 05/11/2011 | VCM | 1100211 |
| <i>Surrogate: Phenol-d6</i> | | 112 % | <i>Limit 60-130</i> | | | 1 | 05/11/2011 | VCM | 1100211 |
| <i>Surrogate: Terphenyl-d14</i> | | 56.6 % | <i>Limit 60-130</i> | | | 1 | 05/11/2011 | VCM | 1100211 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | |
|-------------------------|----------------------|----------------|-------------|--------------|
| Station ID: FIELD BLANK | Date / Time Sampled: | 04/18/11 18:00 | Workorder | 1104024 |
| EPA Tag No.: 8270 CLP | Matrix: | Water | Lab Number: | 1104024-08 B |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|-----------|-----------------------------|---------|-------|-------------|--------------|-----------------|------------|-----|---------|
| EPA 8270D | 1,2,4-Trichlorobenzene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,2-Dichlorobenzene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,2-Dinitrobenzene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,3-Dichlorobenzene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,3-Dinitrobenzene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,4-Dichlorobenzene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1,4-Dinitrobenzene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 1-MethylNaphthalene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,3,4,6-Tetrachlorophenol | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,3,5,6-Tetrachlorophenol | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4,5-Trichlorophenol | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4,6-Trichlorophenol | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4-Dichlorophenol | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4-Dimethylphenol | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4-Dinitrophenol | < 2.00 | ug/L | J | 2.00 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,4-Dinitrotoluene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2,6-Dinitrotoluene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Chloronaphthalene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Chlorophenol | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-MethylNaphthalene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Methylphenol | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Nitroaniline | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 2-Nitrophenol | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 3 & 4-Methylphenol | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 3,3'-Dichlorobenzidine | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 3-Nitroaniline | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4,6-Dinitro-2-methylphenol | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Bromophenyl phenyl ether | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Chloro-3-methylphenol | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Chloroaniline | < 1.00 | ug/L | J | 1.00 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Chlorophenyl phenyl ether | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Nitroaniline | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | 4-Nitrophenol | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Acenaphthene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Acenaphthylene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Aniline | < 2.50 | ug/L | J | 2.50 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Anthracene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Azobenzene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (a) anthracene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (a) pyrene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (b) fluoranthene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (g,h,i) perylene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzo (k) fluoranthene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Benzoic acid | < 1.00 | ug/L | J | 1.00 | 1 | 04/22/2011 | VCM | 1100175 |

Project: Pavillion 2011 #1 LSR No: 1104024

Certificate of Analysis

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|---------------------------------|-----------------------------|---------|--------------|---|-------|---|------------|-----|---------|
| EPA 8270D | Benzyl alcohol | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Bis(2-chloroethoxy)methane | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Bis(2-chloroethyl)ether | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Bis(2-chloroisopropyl)ether | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Bis-(2-Ethylhexyl) Adipate | < 1.00 | ug/L | J | 1.00 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Bis(2-ethylhexyl)phthalate | < 1.00 | ug/L | J | 1.00 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Butyl benzyl phthalate | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Carbazole | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Chrysene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Dibenz (a,h) anthracene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Dibenzofuran | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Diethyl phthalate | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Dimethyl phthalate | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Di-n-butyl phthalate | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Di-n-octyl phthalate | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Diphenylamine | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Fluoranthene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Fluorene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Hexachlorobenzene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Hexachlorobutadiene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Hexachlorocyclopentadiene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Hexachloroethane | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Indeno (1,2,3-cd) pyrene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Isophorone | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Naphthalene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Nitrobenzene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | N-Nitrosodimethylamine | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | N-Nitrosodi-n-propylamine | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Pentachlorophenol | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Phenanthrene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Phenol | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Pyrene | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| EPA 8270D | Pyridine | < 0.500 | ug/L | J | 0.500 | 1 | 04/22/2011 | VCM | 1100175 |
| Surrogate: 2,4,6-Tribromophenol | | 98.4 % | Limit 40-130 | | | 1 | 04/22/2011 | VCM | 1100175 |
| Surrogate: 2-Fluorobiphenyl | | 69.6 % | Limit 50-130 | | | 1 | 04/22/2011 | VCM | 1100175 |
| Surrogate: 2-Fluorophenol | | 71.0 % | Limit 50-130 | | | 1 | 04/22/2011 | VCM | 1100175 |
| Surrogate: Nitrobenzene-d5 | | 68.8 % | Limit 40-130 | | | 1 | 04/22/2011 | VCM | 1100175 |
| Surrogate: Phenol-d6 | | 73.8 % | Limit 50-130 | | | 1 | 04/22/2011 | VCM | 1100175 |
| Surrogate: Terphenyl-d14 | | 92.8 % | Limit 50-130 | | | 1 | 04/22/2011 | VCM | 1100175 |

| | | |
|-------------------------|-------------------------------------|--------------------------|
| Station ID: FIELD BLANK | Date / Time Sampled: 04/18/11 18:00 | Workorder 1104024 |
| EPA Tag No.: 8270 PAV | Matrix: Water | Lab Number: 1104024-08 C |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|-----------|-------------------------|---------|-------|-------------|--------------|-----------------|------------|-----|---------|
| EPA 8270D | (R)-(+)-Limonene | < 0.100 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | 1,3-Dimethyl adamantane | < 0.100 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | 2-Butoxyethanol | < 0.100 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | |
|-------------------|------------------------------|---------|---------------------|-------|---|------------|-----|---------|
| EPA 8270D | Adamantane | < 0.100 | ug/L | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | Squalene | < 1.00 | ug/L | 1.00 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | Terpinol | < 0.100 | ug/L | 0.100 | 1 | 05/10/2011 | VCM | 1100211 |
| EPA 8270D | Tri(2-butoxyethyl) Phosphate | < 0.500 | ug/L | 0.500 | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate:</i> | <i>2-Fluorobiphenyl</i> | 99.8 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate:</i> | <i>2-Fluorophenol</i> | 94.8 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate:</i> | <i>Nitrobenzene-d5</i> | 103 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate:</i> | <i>Phenol-d6</i> | 101 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |
| <i>Surrogate:</i> | <i>Terphenyl-d14</i> | 99.6 % | <i>Limit 60-130</i> | | 1 | 05/10/2011 | VCM | 1100211 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | |
|--------------------------|-------------------------------------|--------------------------|
| Station ID: EPAMW01-0411 | Date / Time Sampled: 04/20/11 10:00 | Workorder 1104026 |
| EPA Tag No.: 8270-CLP | Matrix: Water | Lab Number: 1104026-01 B |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | | |
|-----------|-------------------------------|-------------|-------|-------------|--------------|----------|------------|-----|---------|
| | | | | | | Factor | Analyzed | By | Batch |
| EPA 8270D | 1,2,4-Trichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1,2-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1,2-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1,3-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1,3-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1,4-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1,4-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1-MethylNaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,3,4,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,3,5,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,4,5-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,4,6-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,4-Dichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,4-Dimethylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,4-Dinitrophenol | < 2.00 | ug/L | J | 2.00 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,4-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,6-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2-Chloronaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2-Chlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2-MethylNaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2-Methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2-Nitrophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 3 & 4-Methylphenol | 1.85 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 3,3'-Dichlorobenzidine | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 3-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4,6-Dinitro-2-methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4-Bromophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4-Chloro-3-methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4-Chloroaniline | < 1.00 | ug/L | | 1.00 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4-Chlorophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4-Nitrophenol | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Acenaphthene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Acenaphthylene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Aniline | < 2.50 | ug/L | | 2.50 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Anthracene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Azobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Benzo (a) anthracene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Benzo (a) pyrene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Benzo (b) fluoranthene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Benzo (g,h,i) perylene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Benzo (k) fluoranthene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Benzoic acid | 457 | ug/L | J | 20.0 | 20 | 05/04/2011 | VCM | 1100194 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|---------------------------------|-----------------------------------|--------------|--------------|-------|-------|------------|------------|---------|---------|
| EPA 8270D | Benzyl alcohol | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Bis(2-chloroethoxy)methane | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Bis(2-chloroethyl)ether | 0.570 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Bis(2-chloroisopropyl)ether | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Bis-(2-Ethylhexyl) Adipate | 1.85 | ug/L | 1.00 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Bis(2-ethylhexyl)phthalate | 1.25 | ug/L | 1.00 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Butyl benzyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Carbazole | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Chrysene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Dibenz (a,h) anthracene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Dibenzofuran | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Diethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Dimethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Di-n-butyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Di-n-octyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Diphenylamine | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Fluoranthene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Fluorene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Hexachlorobenzene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Hexachlorobutadiene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Hexachlorocyclopentadiene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Hexachloroethane | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Indeno (1,2,3-cd) pyrene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Isophorone | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Naphthalene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Nitrobenzene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | N-Nitrosodimethylamine | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | N-Nitrosodi-n-propylamine | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Pentachlorophenol | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Phenanthrene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Phenol | 19.0 | ug/L | 10.0 | 20 | 05/04/2011 | VCM | 1100194 | |
| EPA 8270D | Pyrene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Pyridine | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| Surrogate: 2,4,6-Tribromophenol | | 108 % | Limit 40-130 | | 1 | 05/03/2011 | VCM | 1100194 | |
| Surrogate: 2-Fluorobiphenyl | | 103 % | Limit 50-130 | | 1 | 05/03/2011 | VCM | 1100194 | |
| Surrogate: 2-Fluorophenol | | 109 % | Limit 50-130 | | 1 | 05/03/2011 | VCM | 1100194 | |
| Surrogate: Nitrobenzene-d5 | | 105 % | Limit 40-130 | | 1 | 05/03/2011 | VCM | 1100194 | |
| Surrogate: Phenol-d6 | | 112 % | Limit 50-130 | | 1 | 05/03/2011 | VCM | 1100194 | |
| Surrogate: Terphenyl-d4 | | 114 % | Limit 50-130 | | 1 | 05/03/2011 | VCM | 1100194 | |

Station ID: EPAMW01-0411

Date / Time Sampled: 04/20/11 10:00

Workorder 1104026

EPA Tag No.: 8270-PAV

Matrix: Water

Lab Number: 1104026-01.C

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | | |
|-----------|-------------------------|---------|-------|-------------|--------------|----------|------------|-----|---------|
| | | | | | | Factor | Analyzed | By | Batch |
| EPA 8270D | (R)-(+)-Limonene | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100214 |
| EPA 8270D | 1,3-Dimethyl adamantane | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100214 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|-------------------|------------------------------|---------|---------------------|---|-------|---|------------|-----|---------|
| EPA 8270D | 2-Butoxyethanol | 12.7 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100214 |
| EPA 8270D | Adamantane | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100214 |
| EPA 8270D | Squalene | < 1.00 | ug/L | | 1.00 | 1 | 05/10/2011 | VCM | 1100214 |
| EPA 8270D | Terpinol | < 0.100 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100214 |
| EPA 8270D | Tri(2-butoxyethyl) Phosphate | < 0.500 | ug/L | | 0.500 | 1 | 05/10/2011 | VCM | 1100214 |
| <i>Surrogate:</i> | <i>2-Fluorobiphenyl</i> | 83.2 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100214 |
| <i>Surrogate:</i> | <i>2-Fluorophenol</i> | 84.8 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100214 |
| <i>Surrogate:</i> | <i>Nitrobenzene-d5</i> | 91.6 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100214 |
| <i>Surrogate:</i> | <i>Phenol-d6</i> | 98.6 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100214 |
| <i>Surrogate:</i> | <i>Terphenyl-d14</i> | 75.4 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100214 |

Semivolatile Organic Compounds by EPA Method 8270D

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|-----------|-----------------------------|---------|-------|-------------|--------------|-----------------|------------|-----|---------|
| EPA 8270D | 1,2,4-Trichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1,2-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1,2-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1,3-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1,3-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1,4-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1,4-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1-Methylnaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,3,4,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,3,5,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,4,5-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,4,6-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,4-Dichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,4-Dimethylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,4-Dinitrophenol | < 2.00 | ug/L | J | 2.00 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,4-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,6-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2-Chloronaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2-Chlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2-Methylnaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2-Methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2-Nitrophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 3 & 4-Methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 3,3'-Dichlorobenzidine | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 3-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4,6-Dinitro-2-methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4-Bromophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4-Chloro-3-methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4-Chloroaniline | < 1.00 | ug/L | | 1.00 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4-Chlorophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4-Nitrophenol | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Acenaphthene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Acenaphthylene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Aniline | < 2.50 | ug/L | | 2.50 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Anthracene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Azobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Benzo (a) anthracene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Benzo (a) pyrene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Benzo (b) fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Benzo (g,h,i) perylene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Benzo (k) fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Benzoic acid | < 1.00 | ug/L | | 1.00 | 1 | 05/03/2011 | VCM | 1100194 |

Project: Pavillion 2011 #1 LSR No: 1104024

Certificate of Analysis

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|---------------------------------|-----------------------------|---------|--------------|-------|-------|------------|------------|---------|---------|
| EPA 8270D | Benzyl alcohol | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Bis(2-chloroethoxy)methane | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Bis(2-chloroethyl)ether | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Bis(2-chloroisopropyl)ether | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Bis-(2-Ethylhexyl) Adipate | < 1.00 | ug/L | 1.00 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Bis(2-ethylhexyl)phthalate | < 1.00 | ug/L | 1.00 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Butyl benzyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Carbazole | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Chrysene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Dibenz (a,h) anthracene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Dibenzofuran | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Diethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Dimethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Di-n-butyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Di-n-octyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Diphenylamine | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Fluoranthene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Fluorene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Hexachlorobenzene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Hexachlorobutadiene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Hexachlorocyclopentadiene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Hexachloroethane | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Indeno (1,2,3-cd) pyrene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Isophorone | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Naphthalene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Nitrobenzene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | N-Nitrosodimethylamine | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | N-Nitrosodi-n-propylamine | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Pentachlorophenol | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Phenanthrene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Phenol | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Pyrene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Pyridine | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| Surrogate: 2,4,6-Tribromophenol | | 113 % | Limit 40-130 | | 1 | 05/03/2011 | VCM | 1100194 | |
| Surrogate: 2-Fluorobiphenyl | | 97.2 % | Limit 50-130 | | 1 | 05/03/2011 | VCM | 1100194 | |
| Surrogate: 2-Fluorophenol | | 92.4 % | Limit 50-130 | | 1 | 05/03/2011 | VCM | 1100194 | |
| Surrogate: Nitrobenzene-d5 | | 92.2 % | Limit 40-130 | | 1 | 05/03/2011 | VCM | 1100194 | |
| Surrogate: Phenol-d6 | | 97.0 % | Limit 50-130 | | 1 | 05/03/2011 | VCM | 1100194 | |
| Surrogate: Terphenyl-d14 | | 112 % | Limit 50-130 | | 1 | 05/03/2011 | VCM | 1100194 | |

Station ID: PGDW45-0411

Date / Time Sampled: 04/19/11 16:30

Workorder 1104026

EPA Tag No.: 8270-PAV

Matrix: Water

Lab Number: 1104026-02 C

| Method | Parameter | Results | Units | Qual- | Report | Dilution | | | |
|-----------|-------------------------|---------|-------|-------|--------|----------|------------|-----|---------|
| | | | | ifier | Limit | Factor | Analyzed | By | Batch |
| EPA 8270D | (R)-(+)-Limonene | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100214 |
| EPA 8270D | 1,3-Dimethyl adamantane | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100214 |
| EPA 8270D | 2-Butoxyethanol | < 0.100 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100214 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|------------------------------------|------------------------------|---------|---------------------|---|-------|---|------------|-----|---------|
| EPA 8270D | Adamantane | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100214 |
| EPA 8270D | Squalene | < 1.00 | ug/L | | 1.00 | 1 | 05/10/2011 | VCM | 1100214 |
| EPA 8270D | Terpinol | < 0.100 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100214 |
| EPA 8270D | Tri(2-butoxyethyl) Phosphate | < 0.500 | ug/L | | 0.500 | 1 | 05/10/2011 | VCM | 1100214 |
| <i>Surrogate: 2-Fluorobiphenyl</i> | | 87.2 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100214 |
| <i>Surrogate: 2-Fluorophenol</i> | | 88.8 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100214 |
| <i>Surrogate: Nitrobenzene-d5</i> | | 95.0 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100214 |
| <i>Surrogate: Phenol-d6</i> | | 92.0 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100214 |
| <i>Surrogate: Terphenyl-d14</i> | | 84.6 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100214 |

Semivolatile Organic Compounds by EPA Method 8270D

| Station ID: | PGDW05-0411 | Date / Time Sampled: | 04/19/11 17:15 | Workorder | 1104026 | | | |
|--------------|-----------------------------|----------------------|----------------|-------------|--------------|-----------------|-------------|-------------|
| EPA Tag No.: | 8270-CLP | Matrix: | Water | Lab Number: | 1104026-03 B | | | |
| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed By | Batch |
| EPA 8270D | 1,2,4-Trichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 1,2-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 1,2-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 1,3-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 1,3-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 1,4-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 1,4-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 1-Methylnaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 2,3,4,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 2,3,5,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 2,4,5-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 2,4,6-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 2,4-Dichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 2,4-Dimethylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 2,4-Dinitrophenol | < 2.00 | ug/L | J | 2.00 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 2,4-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 2,6-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 2-Chloronaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 2-Chlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 2-Methylnaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 2-Methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 2-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 2-Nitrophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 3 & 4-Methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 3,3'-Dichlorobenzidine | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 3-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 4,6-Dinitro-2-methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 4-Bromophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 4-Chloro-3-methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 4-Chloroaniline | < 1.00 | ug/L | | 1.00 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 4-Chlorophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 4-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | 4-Nitrophenol | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | Acenaphthene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | Acenaphthylene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | Aniline | < 2.50 | ug/L | | 2.50 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | Anthracene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | Azobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | Benzo (a) anthracene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | Benzo (a) pyrene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | Benzo (b) fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | Benzo (g,h,i) perylene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | Benzo (k) fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM 1100194 |
| EPA 8270D | Benzoic acid | < 1.00 | ug/L | | 1.00 | 1 | 05/03/2011 | VCM 1100194 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|-----------|-----------------------------------|-------------|--------------|-------|-------|------------|------------|---------|---------|
| EPA 8270D | Benzyl alcohol | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Bis(2-chloroethoxy)methane | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Bis(2-chloroethyl)ether | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Bis(2-chloroisopropyl)ether | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Bis-(2-Ethylhexyl) Adipate | < 1.00 | ug/L | 1.00 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Bis(2-ethylhexyl)phthalate | 2.30 | ug/L | 1.00 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Butyl benzyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Carbazole | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Chrysene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Dibenz (a,h) anthracene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Dibenzofuran | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Diethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Dimethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Di-n-butyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Di-n-octyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Diphenylamine | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Fluoranthene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Fluorene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Hexachlorobenzene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Hexachlorobutadiene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Hexachlorocyclopentadiene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Hexachloroethane | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Indeno (1,2,3-cd) pyrene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Isophorone | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Naphthalene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Nitrobenzene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | N-Nitrosodimethylamine | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | N-Nitrosodi-n-propylamine | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Pentachlorophenol | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Phenanthrene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Phenol | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Pyrene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Pyridine | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| | Surrogate: 2,4,6-Tribromophenol | 105 % | Limit 40-130 | | | 1 | 05/03/2011 | VCM | 1100194 |
| | Surrogate: 2-Fluorobiphenyl | 104 % | Limit 50-130 | | | 1 | 05/03/2011 | VCM | 1100194 |
| | Surrogate: 2-Fluorophenol | 109 % | Limit 50-130 | | | 1 | 05/03/2011 | VCM | 1100194 |
| | Surrogate: Nitrobenzene-d5 | 106 % | Limit 40-130 | | | 1 | 05/03/2011 | VCM | 1100194 |
| | Surrogate: Phenol-d6 | 104 % | Limit 50-130 | | | 1 | 05/03/2011 | VCM | 1100194 |
| | Surrogate: Terphenyl-d14 | 117 % | Limit 50-130 | | | 1 | 05/03/2011 | VCM | 1100194 |

Station ID: PGDW05-0411

Date / Time Sampled: 04/19/11 17:15

Workorder 1104026

EPA Tag No.: 8270-PAV

Matrix: Water

Lab Number: 1104026-03 C

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | | |
|-----------|-------------------------|---------|-------|-------------|--------------|----------|------------|-----|---------|
| | | | | | | Factor | Analyzed | By | Batch |
| EPA 8270D | (R)-(+)-Limonene | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100214 |
| EPA 8270D | 1,3-Dimethyl adamantane | 1.35 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100214 |
| EPA 8270D | 2-Butoxyethanol | < 0.100 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100214 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|------------------------------------|------------------------------|---------|---------------------|---|-------|---|------------|-----|---------|
| EPA 8270D | Adamantane | 0.120 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100214 |
| EPA 8270D | Squalene | < 1.00 | ug/L | | 1.00 | 1 | 05/10/2011 | VCM | 1100214 |
| EPA 8270D | Terpinol | < 0.100 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100214 |
| EPA 8270D | Tri(2-butoxyethyl) Phosphate | < 0.500 | ug/L | | 0.500 | 1 | 05/10/2011 | VCM | 1100214 |
| <i>Surrogate: 2-Fluorobiphenyl</i> | | 84.2 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100214 |
| <i>Surrogate: 2-Fluorophenol</i> | | 89.0 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100214 |
| <i>Surrogate: Nitrobenzene-d5</i> | | 92.2 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100214 |
| <i>Surrogate: Phenol-d6</i> | | 91.2 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100214 |
| <i>Surrogate: Terphenyl-d14</i> | | 85.2 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100214 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | |
|--------------|------------|----------------------|----------------|-------------|--------------|
| Station ID: | Trip Blank | Date / Time Sampled: | 04/14/11 17:00 | Workorder | 1104026 |
| EPA Tag No.: | 8270-CLP | Matrix: | Water | Lab Number: | 1104026-04 B |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | | |
|-----------|-----------------------------|---------|-------|-------------|--------------|----------|------------|-----|---------|
| | | | | | | Factor | Analyzed | By | Batch |
| EPA 8270D | 1,2,4-Trichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1,2-Dichlorobenzene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1,2-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1,3-Dichlorobenzene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1,3-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1,4-Dichlorobenzene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1,4-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1-MethylNaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,3,4,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,3,5,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,4,5-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,4,6-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,4-Dichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,4-Dimethylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,4-Dinitrophenol | < 2.00 | ug/L | J | 2.00 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,4-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,6-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2-Chloronaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2-Chlorophenol | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2-MethylNaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2-Methylphenol | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2-Nitrophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 3 & 4-Methylphenol | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 3,3'-Dichlorobenzidine | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 3-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4,6-Dinitro-2-methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4-Bromophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4-Chloro-3-methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4-Chloroaniline | < 1.00 | ug/L | | 1.00 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4-Chlorophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4-Nitrophenol | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Acenaphthene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Acenaphthylene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Aniline | < 2.50 | ug/L | J | 2.50 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Anthracene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Azobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Benzo (a) anthracene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Benzo (a) pyrene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Benzo (b) fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Benzo (g,h,i) perylene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Benzo (k) fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Benzoic acid | 3.00 | ug/L | | 1.00 | 1 | 05/03/2011 | VCM | 1100194 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|--|-----------------------------------|-------------|---------------------|---|-------|---|------------|-----|---------|
| EPA 8270D | Benzyl alcohol | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Bis(2-chloroethoxy)methane | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Bis(2-chloroethyl)ether | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Bis(2-chloroisopropyl)ether | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Bis-(2-Ethylhexyl) Adipate | < 1.00 | ug/L | | 1.00 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Bis(2-ethylhexyl)phthalate | 5.44 | ug/L | | 1.00 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Butyl benzyl phthalate | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Carbazole | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Chrysene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Dibenz (a,h) anthracene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Dibenzofuran | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Diethyl phthalate | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Dimethyl phthalate | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Di-n-butyl phthalate | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Di-n-octyl phthalate | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Diphenylamine | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Fluorene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Hexachlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Hexachlorobutadiene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Hexachlorocyclopentadiene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Hexachloroethane | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Indeno (1,2,3-cd) pyrene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Isophorone | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Naphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Nitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | N-Nitrosodimethylamine | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | N-Nitrosodi-n-propylamine | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Pentachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Phenanthrene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Phenol | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Pyrene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Pyridine | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| <i>Surrogate: 2,4,6-Tribromophenol</i> | | 122 % | <i>Limit 40-130</i> | | | 1 | 05/03/2011 | VCM | 1100194 |
| <i>Surrogate: 2-Fluorobiphenyl</i> | | 98.2 % | <i>Limit 50-130</i> | | | 1 | 05/03/2011 | VCM | 1100194 |
| <i>Surrogate: 2-Fluorophenol</i> | | 50.2 % | <i>Limit 50-130</i> | | | 1 | 05/03/2011 | VCM | 1100194 |
| <i>Surrogate: Nitrobenzene-d5</i> | | 106 % | <i>Limit 40-130</i> | | | 1 | 05/03/2011 | VCM | 1100194 |
| <i>Surrogate: Phenol-d6</i> | | 6.80 % | <i>Limit 50-130</i> | | | 1 | 05/03/2011 | VCM | 1100194 |
| <i>Surrogate: Terphenyl-d14</i> | | 115 % | <i>Limit 50-130</i> | | | 1 | 05/03/2011 | VCM | 1100194 |

Station ID: Trip Blank Date / Time Sampled: 04/14/11 17:00 Workorder: 1104026
 EPA Tag No.: 8270-PAV Matrix: Water Lab Number: 1104026-04 C

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | | |
|-----------|-------------------------|---------|-------|-------------|--------------|----------|------------|-----|---------|
| | | | | | | Factor | Analyzed | By | |
| EPA 8270D | (R)-(+)-Limonene | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100214 |
| EPA 8270D | 1,3-Dimethyl adamantane | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100214 |
| EPA 8270D | 2-Butoxyethanol | < 0.100 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100214 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|-------------------|------------------------------|---------|---------------------|---|-------|---|------------|-----|---------|
| EPA 8270D | Adamantane | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100214 |
| EPA 8270D | Squalene | < 1.00 | ug/L | | 1.00 | 1 | 05/10/2011 | VCM | 1100214 |
| EPA 8270D | Terpinol | < 0.100 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100214 |
| EPA 8270D | Tri(2-butoxyethyl) Phosphate | < 0.500 | ug/L | | 0.500 | 1 | 05/10/2011 | VCM | 1100214 |
| <i>Surrogate:</i> | <i>2-Fluorobiphenyl</i> | 101 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100214 |
| <i>Surrogate:</i> | <i>2-Fluorophenol</i> | 102 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100214 |
| <i>Surrogate:</i> | <i>Nitrobenzene-d5</i> | 111 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100214 |
| <i>Surrogate:</i> | <i>Phenol-d6</i> | 105 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100214 |
| <i>Surrogate:</i> | <i>Terphenyl-d14</i> | 101 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100214 |

Semivolatile Organic Compounds by EPA Method 8270D

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|-----------|-----------------------------|---------|-------|-------------|--------------|-----------------|------------|-----|---------|
| EPA 8270D | 1,2,4-Trichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1,2-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1,2-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1,3-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1,3-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1,4-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1,4-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 1-Methylnaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,3,4,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,3,5,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,4,5-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,4,6-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,4-Dichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,4-Dimethylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,4-Dinitrophenol | < 2.00 | ug/L | J | 2.00 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,4-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2,6-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2-Chloronaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2-Chlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2-Methylnaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2-Methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 2-Nitrophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 3 & 4-Methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 3,3'-Dichlorobenzidine | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 3-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4,6-Dinitro-2-methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4-Bromophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4-Chloro-3-methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4-Chloroaniline | < 1.00 | ug/L | | 1.00 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4-Chlorophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | 4-Nitrophenol | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Acenaphthene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Acenaphthylene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Aniline | < 2.50 | ug/L | | 2.50 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Anthracene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Azobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Benzo (a) anthracene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Benzo (a) pyrene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Benzo (b) fluoranthene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Benzo (g,h,i) perylene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Benzo (k) fluoranthene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Benzoic acid | < 1.00 | ug/L | | 1.00 | 1 | 05/03/2011 | VCM | 1100194 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|-----------|-----------------------------------|-------------|--------------|-------|-------|------------|------------|---------|---------|
| EPA 8270D | Benzyl alcohol | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Bis(2-chloroethoxy)methane | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Bis(2-chloroethyl)ether | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Bis(2-chloroisopropyl)ether | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Bis-(2-Ethylhexyl) Adipate | < 1.00 | ug/L | 1.00 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Bis(2-ethylhexyl)phthalate | 1.04 | ug/L | 1.00 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Butyl benzyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Carbazole | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Chrysene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Dibenz (a,h) anthracene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Dibenzofuran | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Diethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Dimethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Di-n-butyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Di-n-octyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Diphenylamine | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Fluoranthene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Fluorene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Hexachlorobenzene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Hexachlorobutadiene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Hexachlorocyclopentadiene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Hexachloroethane | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Indeno (1,2,3-cd) pyrene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| EPA 8270D | Isophorone | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Naphthalene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Nitrobenzene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | N-Nitrosodimethylamine | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | N-Nitrosodi-n-propylamine | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Pentachlorophenol | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Phenanthrene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Phenol | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Pyrene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100194 | |
| EPA 8270D | Pyridine | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100194 |
| | Surrogate: 2,4,6-Tribromophenol | 105 % | Limit 40-130 | | | 1 | 05/03/2011 | VCM | 1100194 |
| | Surrogate: 2-Fluorobiphenyl | 101 % | Limit 50-130 | | | 1 | 05/03/2011 | VCM | 1100194 |
| | Surrogate: 2-Fluorophenol | 106 % | Limit 50-130 | | | 1 | 05/03/2011 | VCM | 1100194 |
| | Surrogate: Nitrobenzene-d5 | 104 % | Limit 40-130 | | | 1 | 05/03/2011 | VCM | 1100194 |
| | Surrogate: Phenol-d6 | 102 % | Limit 50-130 | | | 1 | 05/03/2011 | VCM | 1100194 |
| | Surrogate: Terphenyl-d14 | 109 % | Limit 50-130 | | | 1 | 05/03/2011 | VCM | 1100194 |

Station ID: PGDW41-0411

Date / Time Sampled: 04/20/11 13:00

Workorder 1104026

EPA Tag No.: 8270-PAV

Matrix: Water

Lab Number: 1104026-05 C

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | | |
|-----------|-------------------------|---------|-------|-------------|--------------|----------|------------|-----|---------|
| | | | | | | Factor | Analyzed | By | Batch |
| EPA 8270D | (R)-(+)-Limonene | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100214 |
| EPA 8270D | 1,3-Dimethyl adamantane | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100214 |
| EPA 8270D | 2-Butoxyethanol | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100214 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|-------------------|------------------------------|---------|--------------|---------------|-------|---|------------|-----|---------|
| EPA 8270D | Adamantane | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100214 |
| EPA 8270D | Squalene | < 1.00 | ug/L | J | 1.00 | 1 | 05/10/2011 | VCM | 1100214 |
| EPA 8270D | Terpinol | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100214 |
| EPA 8270D | Tri(2-butoxyethyl) Phosphate | < 0.500 | ug/L | J | 0.500 | 1 | 05/10/2011 | VCM | 1100214 |
| <i>Surrogate:</i> | <i>2-Fluorobiphenyl</i> | 121 % | <i>Limit</i> | <i>60-130</i> | | 1 | 05/10/2011 | VCM | 1100214 |
| <i>Surrogate:</i> | <i>2-Fluorophenol</i> | 84.8 % | <i>Limit</i> | <i>60-130</i> | | 1 | 05/10/2011 | VCM | 1100214 |
| <i>Surrogate:</i> | <i>Nitrobenzene-d5</i> | 132 % | <i>Limit</i> | <i>60-130</i> | | 1 | 05/10/2011 | VCM | 1100214 |
| <i>Surrogate:</i> | <i>Phenol-d6</i> | 94.4 % | <i>Limit</i> | <i>60-130</i> | | 1 | 05/10/2011 | VCM | 1100214 |
| <i>Surrogate:</i> | <i>Terphenyl-d14</i> | 81.2 % | <i>Limit</i> | <i>60-130</i> | | 1 | 05/10/2011 | VCM | 1100214 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | |
|-------------------------|----------------------|----------------|-------------|--------------|
| Station ID: PGDW14-0411 | Date / Time Sampled: | 04/20/11 16:30 | Workorder | 1104027 |
| EPA Tag No.: 8270 | Matrix: | Water | Lab Number: | 1104027-01 B |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | | |
|-----------|-----------------------------|---------|-------|-------------|--------------|----------|------------|-----|---------|
| | | | | | | Factor | Analyzed | By | Batch |
| EPA 8270D | 1,2,4-Trichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,2-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,2-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,3-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,3-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,4-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,4-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1-Methylnaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,3,4,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,3,5,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4,5-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4,6-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4-Dichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4-Dimethylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4-Dinitrophenol | < 2.00 | ug/L | J | 2.00 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,6-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Chloronaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Chlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Methylnaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Nitrophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 3 & 4-Methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 3,3'-Dichlorobenzidine | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 3-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4,6-Dinitro-2-methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Bromophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Chloro-3-methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Chloroaniline | < 1.00 | ug/L | | 1.00 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Chlorophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Nitrophenol | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Acenaphthene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Acenaphthylene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Aniline | < 2.50 | ug/L | | 2.50 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Anthracene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Azobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzo (a) anthracene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzo (a) pyrene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzo (b) fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzo (g,h,i) perylene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzo (k) fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzoic acid | < 1.00 | ug/L | | 1.00 | 1 | 05/03/2011 | VCM | 1100195 |

Project: Pavillion 2011 #1 LSR No: 1104024

Certificate of Analysis

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|-----------|-----------------------------------|-------------|--------------|-------|-------|------------|------------|---------|---------|
| EPA 8270D | Benzyl alcohol | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Bis(2-chloroethoxy)methane | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Bis(2-chloroethyl)ether | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Bis(2-chloroisopropyl)ether | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Bis-(2-Ethylhexyl) Adipate | 1.64 | ug/L | 1.00 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Bis(2-ethylhexyl)phthalate | 2.41 | ug/L | 1.00 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Butyl benzyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Carbazole | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Chrysene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Dibenz (a,h) anthracene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Dibenzofuran | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Diethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Dimethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Di-n-butyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Di-n-octyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Diphenylamine | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Fluoranthene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Fluorene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Hexachlorobenzene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Hexachlorobutadiene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Hexachlorocyclopentadiene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Hexachloroethane | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Indeno (1,2,3-cd) pyrene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Isophorone | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Naphthalene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Nitrobenzene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | N-Nitrosodimethylamine | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | N-Nitrosodi-n-propylamine | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Pentachlorophenol | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Phenanthrene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Phenol | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Pyrene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Pyridine | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| | Surrogate: 2,4,6-Tribromophenol | 92.4 % | Limit 40-130 | | | 1 | 05/03/2011 | VCM | 1100195 |
| | Surrogate: 2-Fluorobiphenyl | 87.2 % | Limit 50-130 | | | 1 | 05/03/2011 | VCM | 1100195 |
| | Surrogate: 2-Fluorophenol | 89.8 % | Limit 50-130 | | | 1 | 05/03/2011 | VCM | 1100195 |
| | Surrogate: Nitrobenzene-d5 | 85.6 % | Limit 40-130 | | | 1 | 05/03/2011 | VCM | 1100195 |
| | Surrogate: Phenol-d6 | 90.6 % | Limit 50-130 | | | 1 | 05/03/2011 | VCM | 1100195 |
| | Surrogate: Terphenyl-d14 | 99.4 % | Limit 50-130 | | | 1 | 05/03/2011 | VCM | 1100195 |

Station ID: PGDW14-0411

Date / Time Sampled: 04/20/11 16:30

Workorder 1104027

EPA Tag No.: 8270-PAV

Matrix: Water

Lab Number: 1104027-01 C

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | | |
|-----------|-------------------------|---------|-------|-------------|--------------|----------|------------|-----|---------|
| | | | | | | Factor | Analyzed | By | Batch |
| EPA 8270D | (R)-(+)-Limonene | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100215 |
| EPA 8270D | 1,3-Dimethyl adamantane | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100215 |
| EPA 8270D | 2-Butoxyethanol | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100215 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|------------------------------------|------------------------------|---------|---------------------|---|-------|---|------------|-----|---------|
| EPA 8270D | Adamantane | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100215 |
| EPA 8270D | Squalene | < 1.00 | ug/L | J | 1.00 | 1 | 05/10/2011 | VCM | 1100215 |
| EPA 8270D | Terpinol | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100215 |
| EPA 8270D | Tri(2-butoxyethyl) Phosphate | < 0.500 | ug/L | J | 0.500 | 1 | 05/10/2011 | VCM | 1100215 |
| <i>Surrogate: 2-Fluorobiphenyl</i> | | 89.0 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100215 |
| <i>Surrogate: 2-Fluorophenol</i> | | 72.4 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100215 |
| <i>Surrogate: Nitrobenzene-d5</i> | | 100 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100215 |
| <i>Surrogate: Phenol-d6</i> | | 79.0 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100215 |
| <i>Surrogate: Terphenyl-d14</i> | | 73.8 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100215 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | |
|-------------------------|----------------------|----------------|-------------|--------------|
| Station ID: PGDW49-0411 | Date / Time Sampled: | 04/20/11 14:10 | Workorder | 1104027 |
| EPA Tag No.: 8270 | Matrix: | Water | Lab Number: | 1104027-02 B |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | | |
|-----------|-----------------------------|---------|-------|-------------|--------------|----------|------------|-----|---------|
| | | | | | | Factor | Analyzed | By | Batch |
| EPA 8270D | 1,2,4-Trichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,2-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,2-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,3-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,3-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,4-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,4-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1-Methylnaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,3,4,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,3,5,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4,5-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4,6-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4-Dichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4-Dimethylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4-Dinitrophenol | < 2.00 | ug/L | J | 2.00 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,6-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Chloronaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Chlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Methylnaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Nitrophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 3 & 4-Methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 3,3'-Dichlorobenzidine | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 3-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4,6-Dinitro-2-methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Bromophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Chloro-3-methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Chloroaniline | < 1.00 | ug/L | | 1.00 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Chlorophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Nitrophenol | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Acenaphthene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Acenaphthylene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Aniline | < 2.50 | ug/L | | 2.50 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Anthracene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Azobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzo (a) anthracene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzo (a) pyrene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzo (b) fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzo (g,h,i) perylene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzo (k) fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzoic acid | < 1.00 | ug/L | | 1.00 | 1 | 05/03/2011 | VCM | 1100195 |

Project: Pavillion 2011 #1 LSR No: 1104024

Certificate of Analysis

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|-----------|--|-------------|---------------------|-------|-------|------------|------------|---------|---------|
| EPA 8270D | Benzyl alcohol | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Bis(2-chloroethoxy)methane | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Bis(2-chloroethyl)ether | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Bis(2-chloroisopropyl)ether | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Bis-(2-Ethylhexyl) Adipate | 1.60 | ug/L | 1.00 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Bis(2-ethylhexyl)phthalate | 1.13 | ug/L | 1.00 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Butyl benzyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Carbazole | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Chrysene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Dibenz (a,h) anthracene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Dibenzofuran | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Diethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Dimethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Di-n-butyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Di-n-octyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Diphenylamine | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Fluoranthene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Fluorene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Hexachlorobenzene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Hexachlorobutadiene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Hexachlorocyclopentadiene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Hexachloroethane | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Indeno (1,2,3-cd) pyrene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Isophorone | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Naphthalene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Nitrobenzene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | N-Nitrosodimethylamine | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | N-Nitrosodi-n-propylamine | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Pentachlorophenol | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Phenanthrene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Phenol | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Pyrene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Pyridine | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| | <i>Surrogate: 2,4,6-Tribromophenol</i> | 93.8 % | <i>Limit 40-130</i> | | | 1 | 05/03/2011 | VCM | 1100195 |
| | <i>Surrogate: 2-Fluorobiphenyl</i> | 86.6 % | <i>Limit 50-130</i> | | | 1 | 05/03/2011 | VCM | 1100195 |
| | <i>Surrogate: 2-Fluorophenol</i> | 86.4 % | <i>Limit 50-130</i> | | | 1 | 05/03/2011 | VCM | 1100195 |
| | <i>Surrogate: Nitrobenzene-d5</i> | 84.4 % | <i>Limit 40-130</i> | | | 1 | 05/03/2011 | VCM | 1100195 |
| | <i>Surrogate: Phenol-d6</i> | 88.8 % | <i>Limit 50-130</i> | | | 1 | 05/03/2011 | VCM | 1100195 |
| | <i>Surrogate: Terphenyl-d14</i> | 94.4 % | <i>Limit 50-130</i> | | | 1 | 05/03/2011 | VCM | 1100195 |

Station ID: PGDW49-0411

Date / Time Sampled: 04/20/11 14:10

Workorder 1104027

EPA Tag No.: 8270-PAV

Matrix: Water

Lab Number: 1104027-02 C

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | | |
|-----------|-------------------------|---------|-------|-------------|--------------|----------|------------|-----|---------|
| | | | | | | Factor | Analyzed | By | Batch |
| EPA 8270D | (R)-(+)-Limonene | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100215 |
| EPA 8270D | 1,3-Dimethyl adamantane | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100215 |
| EPA 8270D | 2-Butoxyethanol | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100215 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|------------------------------------|------------------------------|---------|---------------------|---|-------|---|------------|-----|---------|
| EPA 8270D | Adamantane | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100215 |
| EPA 8270D | Squalene | < 1.00 | ug/L | | 1.00 | 1 | 05/10/2011 | VCM | 1100215 |
| EPA 8270D | Terpinol | < 0.100 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100215 |
| EPA 8270D | Tri(2-butoxyethyl) Phosphate | < 0.500 | ug/L | | 0.500 | 1 | 05/10/2011 | VCM | 1100215 |
| <i>Surrogate: 2-Fluorobiphenyl</i> | | 72.0 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100215 |
| <i>Surrogate: 2-Fluorophenol</i> | | 55.2 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100215 |
| <i>Surrogate: Nitrobenzene-d5</i> | | 74.4 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100215 |
| <i>Surrogate: Phenol-d6</i> | | 74.2 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100215 |
| <i>Surrogate: Terphenyl-d14</i> | | 71.4 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100215 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | |
|-------------------------|----------------------|----------------|-------------|--------------|
| Station ID: PGDW23-0411 | Date / Time Sampled: | 04/21/11 13:45 | Workorder | 1104027 |
| EPA Tag No.: 8270 | Matrix: | Water | Lab Number: | 1104027-03 B |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | | |
|-----------|-----------------------------|---------|-------|-------------|--------------|----------|------------|-----|---------|
| | | | | | | Factor | Analyzed | By | Batch |
| EPA 8270D | 1,2,4-Trichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,2-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,2-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,3-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,3-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,4-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,4-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1-Methylnaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,3,4,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,3,5,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4,5-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4,6-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4-Dichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4-Dimethylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4-Dinitrophenol | < 2.00 | ug/L | J | 2.00 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,6-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Chloronaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Chlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Methylnaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Nitrophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 3 & 4-Methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 3,3'-Dichlorobenzidine | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 3-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4,6-Dinitro-2-methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Bromophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Chloro-3-methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Chloroaniline | < 1.00 | ug/L | | 1.00 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Chlorophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Nitrophenol | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Acenaphthene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Acenaphthylene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Aniline | < 2.50 | ug/L | | 2.50 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Anthracene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Azobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzo (a) anthracene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzo (a) pyrene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzo (b) fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzo (g,h,i) perylene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzo (k) fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzoic acid | < 1.00 | ug/L | | 1.00 | 1 | 05/03/2011 | VCM | 1100195 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|--|-----------------------------------|---------|---------------------|-------|-------|------------|------------|---------|---------|
| EPA 8270D | Benzyl alcohol | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Bis(2-chloroethoxy)methane | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Bis(2-chloroethyl)ether | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Bis(2-chloroisopropyl)ether | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Bis-(2-Ethylhexyl) Adipate | < 1.00 | ug/L | 1.00 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Bis(2-ethylhexyl)phthalate | 1.17 | ug/L | 1.00 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Butyl benzyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Carbazole | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Chrysene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Dibenz (a,h) anthracene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Dibenzofuran | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Diethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Dimethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Di-n-butyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Di-n-octyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Diphenylamine | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Fluoranthene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Fluorene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Hexachlorobenzene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Hexachlorobutadiene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Hexachlorocyclopentadiene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Hexachloroethane | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Indeno (1,2,3-cd) pyrene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Isophorone | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Naphthalene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Nitrobenzene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | N-Nitrosodimethylamine | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | N-Nitrosodi-n-propylamine | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Pentachlorophenol | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Phenanthrene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Phenol | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Pyrene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Pyridine | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| <i>Surrogate: 2,4,6-Tribromophenol</i> | | 70.0 % | <i>Limit 40-130</i> | | | 1 | 05/03/2011 | VCM | 1100195 |
| <i>Surrogate: 2-Fluorobiphenyl</i> | | 90.0 % | <i>Limit 50-130</i> | | | 1 | 05/03/2011 | VCM | 1100195 |
| <i>Surrogate: 2-Fluorophenol</i> | | 89.2 % | <i>Limit 50-130</i> | | | 1 | 05/03/2011 | VCM | 1100195 |
| <i>Surrogate: Nitrobenzene-d5</i> | | 89.8 % | <i>Limit 40-130</i> | | | 1 | 05/03/2011 | VCM | 1100195 |
| <i>Surrogate: Phenol-d6</i> | | 90.4 % | <i>Limit 50-130</i> | | | 1 | 05/03/2011 | VCM | 1100195 |
| <i>Surrogate: Terphenyl-d14</i> | | 60.8 % | <i>Limit 50-130</i> | | | 1 | 05/03/2011 | VCM | 1100195 |

Station ID: PGDW23-0411

Date / Time Sampled: 04/21/11 13:45

Workorder: 1104027

EPA Tag No.: 8270-PAV

Matrix: Water

Lab Number: 1104027-03 C

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | | |
|-----------|-------------------------|---------|-------|-------------|--------------|----------|------------|-----|---------|
| | | | | | | Factor | Analyzed | By | Batch |
| EPA 8270D | (R)-(+)-Limonene | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100215 |
| EPA 8270D | 1,3-Dimethyl adamantane | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100215 |
| EPA 8270D | 2-Butoxyethanol | < 0.100 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100215 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|------------------------------------|------------------------------|---------|---------------------|---|-------|---|------------|-----|---------|
| EPA 8270D | Adamantane | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100215 |
| EPA 8270D | Squalene | < 1.00 | ug/L | | 1.00 | 1 | 05/10/2011 | VCM | 1100215 |
| EPA 8270D | Terpinol | < 0.100 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100215 |
| EPA 8270D | Tri(2-butoxyethyl) Phosphate | < 0.500 | ug/L | | 0.500 | 1 | 05/10/2011 | VCM | 1100215 |
| <i>Surrogate: 2-Fluorobiphenyl</i> | | 67.4 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100215 |
| <i>Surrogate: 2-Fluorophenol</i> | | 63.8 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100215 |
| <i>Surrogate: Nitrobenzene-d5</i> | | 73.6 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100215 |
| <i>Surrogate: Phenol-d6</i> | | 70.4 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100215 |
| <i>Surrogate: Terphenyl-d14</i> | | 72.8 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100215 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | |
|-------------------------|----------------------|----------------|-------------|--------------|
| Station ID: PGDW44-0411 | Date / Time Sampled: | 04/21/11 13:00 | Workorder | 1104027 |
| EPA Tag No.: 8270 | Matrix: | Water | Lab Number: | 1104027-04 B |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | | |
|-----------|-----------------------------|---------|-------|-------------|--------------|----------|------------|-----|---------|
| | | | | | | Factor | Analyzed | By | Batch |
| EPA 8270D | 1,2,4-Trichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,2-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,2-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,3-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,3-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,4-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,4-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1-Methylnaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,3,4,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,3,5,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4,5-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4,6-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4-Dichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4-Dimethylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4-Dinitrophenol | < 2.00 | ug/L | J | 2.00 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,6-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Chloronaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Chlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Methylnaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Nitrophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 3 & 4-Methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 3,3'-Dichlorobenzidine | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 3-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4,6-Dinitro-2-methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Bromophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Chloro-3-methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Chloroaniline | < 1.00 | ug/L | | 1.00 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Chlorophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Nitrophenol | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Acenaphthene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Acenaphthylene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Aniline | < 2.50 | ug/L | | 2.50 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Anthracene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Azobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzo (a) anthracene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzo (a) pyrene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzo (b) fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzo (g,h,i) perylene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzo (k) fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzoic acid | 1.61 | ug/L | J | 1.00 | 1 | 05/03/2011 | VCM | 1100195 |

Project: Pavillion 2011 #1 LSR No: 1104024

Certificate of Analysis

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|---------------------------------|-----------------------------|---------|--------------|-------|-------|------------|------------|---------|---------|
| EPA 8270D | Benzyl alcohol | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Bis(2-chloroethoxy)methane | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Bis(2-chloroethyl)ether | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Bis(2-chloroisopropyl)ether | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Bis-(2-Ethylhexyl) Adipate | < 1.00 | ug/L | 1.00 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Bis(2-ethylhexyl)phthalate | < 1.00 | ug/L | J | 1.00 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Butyl benzyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Carbazole | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Chrysene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Dibenz (a,h) anthracene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Dibenzofuran | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Diethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Dimethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Di-n-butyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Di-n-octyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Diphenylamine | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Fluoranthene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Fluorene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Hexachlorobenzene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Hexachlorobutadiene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Hexachlorocyclopentadiene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Hexachloroethane | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Indeno (1,2,3-cd) pyrene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Isophorone | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Naphthalene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Nitrobenzene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | N-Nitrosodimethylamine | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | N-Nitrosodi-n-propylamine | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Pentachlorophenol | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Phenanthrene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Phenol | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Pyrene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Pyridine | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| Surrogate: 2,4,6-Tribromophenol | | 89.2 % | Limit 40-130 | | 1 | 05/03/2011 | VCM | 1100195 | |
| Surrogate: 2-Fluorobiphenyl | | 78.2 % | Limit 50-130 | | 1 | 05/03/2011 | VCM | 1100195 | |
| Surrogate: 2-Fluorophenol | | 84.6 % | Limit 50-130 | | 1 | 05/03/2011 | VCM | 1100195 | |
| Surrogate: Nitrobenzene-d5 | | 79.2 % | Limit 40-130 | | 1 | 05/03/2011 | VCM | 1100195 | |
| Surrogate: Phenol-d6 | | 84.6 % | Limit 50-130 | | 1 | 05/03/2011 | VCM | 1100195 | |
| Surrogate: Terphenyl-d14 | | 88.8 % | Limit 50-130 | | 1 | 05/03/2011 | VCM | 1100195 | |

Station ID: PGDW44-0411

Date / Time Sampled: 04/21/11 13:00

Workorder 1104027

EPA Tag No.: 8270-PAV

Matrix: Water

Lab Number: 1104027-04 C

| Method | Parameter | Results | Units | Qual- | Report | Dilution | | | |
|-----------|-------------------------|---------|-------|-------|--------|----------|------------|-----|---------|
| | | | | ifier | Limit | Factor | Analyzed | By | Batch |
| EPA 8270D | (R)-(+)-Limonene | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100215 |
| EPA 8270D | 1,3-Dimethyl adamantane | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100215 |
| EPA 8270D | 2-Butoxyethanol | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100215 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|------------------------------------|------------------------------|---------|---------------------|---|-------|---|------------|-----|---------|
| EPA 8270D | Adamantane | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100215 |
| EPA 8270D | Squalene | < 1.00 | ug/L | | 1.00 | 1 | 05/10/2011 | VCM | 1100215 |
| EPA 8270D | Terpinol | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100215 |
| EPA 8270D | Tri(2-butoxyethyl) Phosphate | < 0.500 | ug/L | | 0.500 | 1 | 05/10/2011 | VCM | 1100215 |
| <i>Surrogate: 2-Fluorobiphenyl</i> | | 54.2 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100215 |
| <i>Surrogate: 2-Fluorophenol</i> | | 50.6 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100215 |
| <i>Surrogate: Nitrobenzene-d5</i> | | 55.0 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100215 |
| <i>Surrogate: Phenol-d6</i> | | 57.0 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100215 |
| <i>Surrogate: Terphenyl-d14</i> | | 68.8 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100215 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | |
|-------------------------|----------------------|----------------|-------------|--------------|
| Station ID: Field Blank | Date / Time Sampled: | 04/21/11 11:00 | Workorder | 1104027 |
| EPA Tag No.: 8270 | Matrix: | Water | Lab Number: | 1104027-07 B |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | | |
|-----------|-----------------------------|---------|-------|-------------|--------------|----------|------------|-----|---------|
| | | | | | | Factor | Analyzed | By | Batch |
| EPA 8270D | 1,2,4-Trichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,2-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,2-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,3-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,3-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,4-Dichlorobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1,4-Dinitrobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 1-Methylnaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,3,4,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,3,5,6-Tetrachlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4,5-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4,6-Trichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4-Dichlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4-Dimethylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4-Dinitrophenol | < 2.00 | ug/L | J | 2.00 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,4-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2,6-Dinitrotoluene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Chloronaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Chlorophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Methylnaphthalene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 2-Nitrophenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 3 & 4-Methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 3,3'-Dichlorobenzidine | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 3-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4,6-Dinitro-2-methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Bromophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Chloro-3-methylphenol | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Chloroaniline | < 1.00 | ug/L | | 1.00 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Chlorophenyl phenyl ether | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Nitroaniline | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | 4-Nitrophenol | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Acenaphthene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Acenaphthylene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Aniline | < 2.50 | ug/L | | 2.50 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Anthracene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Azobenzene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzo (a) anthracene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzo (a) pyrene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzo (b) fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzo (g,h,i) perylene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzo (k) fluoranthene | < 0.500 | ug/L | | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Benzoic acid | < 1.00 | ug/L | | 1.00 | 1 | 05/03/2011 | VCM | 1100195 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|---------------------------------|-----------------------------|---------|--------------|-------|-------|------------|------------|---------|---------|
| EPA 8270D | Benzyl alcohol | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Bis(2-chloroethoxy)methane | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Bis(2-chloroethyl)ether | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Bis(2-chloroisopropyl)ether | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Bis-(2-Ethylhexyl) Adipate | < 1.00 | ug/L | 1.00 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Bis(2-ethylhexyl)phthalate | < 1.00 | ug/L | 1.00 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Butyl benzyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Carbazole | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Chrysene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Dibenz (a,h) anthracene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Dibenzofuran | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Diethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Dimethyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Di-n-butyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Di-n-octyl phthalate | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Diphenylamine | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Fluoranthene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Fluorene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Hexachlorobenzene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Hexachlorobutadiene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Hexachlorocyclopentadiene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Hexachloroethane | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Indeno (1,2,3-cd) pyrene | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| EPA 8270D | Isophorone | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Naphthalene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Nitrobenzene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | N-Nitrosodimethylamine | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | N-Nitrosodi-n-propylamine | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Pentachlorophenol | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Phenanthrene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Phenol | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Pyrene | < 0.500 | ug/L | 0.500 | 1 | 05/03/2011 | VCM | 1100195 | |
| EPA 8270D | Pyridine | < 0.500 | ug/L | J | 0.500 | 1 | 05/03/2011 | VCM | 1100195 |
| Surrogate: 2,4,6-Tribromophenol | | 92.2 % | Limit 40-130 | | 1 | 05/03/2011 | VCM | 1100195 | |
| Surrogate: 2-Fluorobiphenyl | | 91.0 % | Limit 50-130 | | 1 | 05/03/2011 | VCM | 1100195 | |
| Surrogate: 2-Fluorophenol | | 99.4 % | Limit 50-130 | | 1 | 05/03/2011 | VCM | 1100195 | |
| Surrogate: Nitrobenzene-d5 | | 95.4 % | Limit 40-130 | | 1 | 05/03/2011 | VCM | 1100195 | |
| Surrogate: Phenol-d6 | | 97.2 % | Limit 50-130 | | 1 | 05/03/2011 | VCM | 1100195 | |
| Surrogate: Terphenyl-d14 | | 93.6 % | Limit 50-130 | | 1 | 05/03/2011 | VCM | 1100195 | |

Station ID: Field Blank Date / Time Sampled: 04/21/11 11:00 Workorder 1104027
 EPA Tag No.: 8270-PAV Matrix: Water Lab Number: 1104027-07 C

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|-----------|-------------------------|---------|-------|-------------|--------------|-----------------|------------|-----|---------|
| EPA 8270D | (R)-(+)-Limonene | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100215 |
| EPA 8270D | 1,3-Dimethyl adamantane | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100215 |
| EPA 8270D | 2-Butoxyethanol | < 0.100 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100215 |

Semivolatile Organic Compounds by EPA Method 8270D

| | | | | | | | | | |
|-------------------|------------------------------|---------|---------------------|---|-------|---|------------|-----|---------|
| EPA 8270D | Adamantane | < 0.100 | ug/L | J | 0.100 | 1 | 05/10/2011 | VCM | 1100215 |
| EPA 8270D | Squalene | < 1.00 | ug/L | | 1.00 | 1 | 05/10/2011 | VCM | 1100215 |
| EPA 8270D | Terpinol | < 0.100 | ug/L | | 0.100 | 1 | 05/10/2011 | VCM | 1100215 |
| EPA 8270D | Tri(2-butoxyethyl) Phosphate | < 0.500 | ug/L | | 0.500 | 1 | 05/10/2011 | VCM | 1100215 |
| <i>Surrogate:</i> | <i>2-Fluorobiphenyl</i> | 85.0 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100215 |
| <i>Surrogate:</i> | <i>2-Fluorophenol</i> | 82.2 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100215 |
| <i>Surrogate:</i> | <i>Nitrobenzene-d5</i> | 90.4 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100215 |
| <i>Surrogate:</i> | <i>Phenol-d6</i> | 88.8 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100215 |
| <i>Surrogate:</i> | <i>Terphenyl-d14</i> | 84.0 % | <i>Limit 60-130</i> | | | 1 | 05/10/2011 | VCM | 1100215 |

Project: Pavillion 2011 #1 LSR No: 1104024

Certificate of Analysis

TVPH/BTEX/M TBE/Naphthalene by GC PID/FID

Station ID: PGDW20-0411

Date / Time Sampled: 04/18/11 11:45

Workorder 1104024

EPA Tag No.: BTEX/GAS

Matrix: Water

Lab Number: 1104024-01 D

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | |
|--------------------------------------|-------------------------|---------|---------------------|-------------|--------------|----------|------------|-------------|
| | | | | | | Factor | Analyzed | By |
| 8021B/8015D | Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Ethyl Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | m,p-Xylene | < 2.0 | ug/L | | 2.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Methyl tert-Butyl Ether | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Naphthalene | < 2.0 | ug/L | | 2.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | o-Xylene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Toluene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | TPH as Gasoline | < 20.0 | ug/L | | 20.0 | 1 | 04/26/2011 | JAK 1100148 |
| <i>Surrogate: Bromofluorobenzene</i> | | 105 % | <i>Limit 70-130</i> | | | 1 | 04/26/2011 | JAK 1100148 |

Station ID: PGDW26-0411

Date / Time Sampled: 04/18/11 13:15

Workorder 1104024

EPA Tag No.: BTEX/GAS

Matrix: Water

Lab Number: 1104024-02 D

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | |
|--------------------------------------|-------------------------|---------|---------------------|-------------|--------------|----------|------------|-------------|
| | | | | | | Factor | Analyzed | By |
| 8021B/8015D | Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Ethyl Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | m,p-Xylene | < 2.0 | ug/L | | 2.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Methyl tert-Butyl Ether | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Naphthalene | < 2.0 | ug/L | | 2.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | o-Xylene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Toluene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | TPH as Gasoline | < 20.0 | ug/L | | 20.0 | 1 | 04/26/2011 | JAK 1100148 |
| <i>Surrogate: Bromofluorobenzene</i> | | 103 % | <i>Limit 70-130</i> | | | 1 | 04/26/2011 | JAK 1100148 |

Station ID: PGDW30-0411

Date / Time Sampled: 04/18/11 16:20

Workorder 1104024

EPA Tag No.: BTEX/GAS

Matrix: Water

Lab Number: 1104024-03 D

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | |
|--------------------------------------|-------------------------|---------|---------------------|-------------|--------------|----------|------------|-------------|
| | | | | | | Factor | Analyzed | By |
| 8021B/8015D | Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Ethyl Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | m,p-Xylene | < 2.0 | ug/L | | 2.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Methyl tert-Butyl Ether | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Naphthalene | < 2.0 | ug/L | | 2.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | o-Xylene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Toluene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | TPH as Gasoline | 21.6 | ug/L | | 20.0 | 1 | 04/26/2011 | JAK 1100148 |
| <i>Surrogate: Bromofluorobenzene</i> | | 102 % | <i>Limit 70-130</i> | | | 1 | 04/26/2011 | JAK 1100148 |

Project: Pavillion 2011 #1 LSR No: 1104024

Certificate of Analysis

TVPH/BTEX/M TBE/Naphthalene by GC PID/FID

| | | |
|-------------------------|-------------------------------------|--------------------------|
| Station ID: PGDW32-0411 | Date / Time Sampled: 04/18/11 06:00 | Workorder 1104024 |
| EPA Tag No.: BTEX/GAS | Matrix: Water | Lab Number: 1104024-04 D |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | |
|--------------------------------------|-------------------------|---------|---------------------|-------------|--------------|----------|------------|-------------|
| | | | | | | Factor | Analyzed | By |
| 8021B/8015D | Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Ethyl Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | m,p-Xylene | < 2.0 | ug/L | | 2.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Methyl tert-Butyl Ether | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Naphthalene | < 2.0 | ug/L | | 2.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | o-Xylene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Toluene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | TPH as Gasoline | 22.4 | ug/L | | 20.0 | 1 | 04/26/2011 | JAK 1100148 |
| <i>Surrogate: Bromofluorobenzene</i> | | 102 % | <i>Limit 70-130</i> | | | 1 | 04/26/2011 | JAK 1100148 |

| | | |
|--------------------------|-------------------------------------|--------------------------|
| Station ID: PGDW32D-0411 | Date / Time Sampled: 04/18/11 06:00 | Workorder 1104024 |
| EPA Tag No.: BTEX/GAS | Matrix: Water | Lab Number: 1104024-05 D |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | |
|--------------------------------------|-------------------------|---------|---------------------|-------------|--------------|----------|------------|-------------|
| | | | | | | Factor | Analyzed | By |
| 8021B/8015D | Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Ethyl Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | m,p-Xylene | < 2.0 | ug/L | | 2.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Methyl tert-Butyl Ether | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Naphthalene | < 2.0 | ug/L | | 2.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | o-Xylene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Toluene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | TPH as Gasoline | 20.9 | ug/L | | 20.0 | 1 | 04/26/2011 | JAK 1100148 |
| <i>Surrogate: Bromofluorobenzene</i> | | 96.8 % | <i>Limit 70-130</i> | | | 1 | 04/26/2011 | JAK 1100148 |

| | | |
|--------------------------|-------------------------------------|--------------------------|
| Station ID: EPAMW02-0411 | Date / Time Sampled: 04/19/11 11:00 | Workorder 1104024 |
| EPA Tag No.: BTEX/GAS | Matrix: Water | Lab Number: 1104024-06 D |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | |
|--------------------------------------|-------------------------|---------|---------------------|-------------|--------------|----------|------------|-------------|
| | | | | | | Factor | Analyzed | By |
| 8021B/8015D | Benzene | 202 | ug/L | | 10.0 | 10 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Ethyl Benzene | 56.4 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | m,p-Xylene | 480 | ug/L | | 20.0 | 10 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Methyl tert-Butyl Ether | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Naphthalene | 4.7 | ug/L | | 2.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | o-Xylene | 142 | ug/L | | 10.0 | 10 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Toluene | 410 | ug/L | | 10.0 | 10 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | TPH as Gasoline | 2800 | ug/L | | 20.0 | 1 | 04/26/2011 | JAK 1100148 |
| <i>Surrogate: Bromofluorobenzene</i> | | 117 % | <i>Limit 70-130</i> | | | 1 | 04/26/2011 | JAK 1100148 |

Project: Pavillion 2011 #1 LSR No: 1104024

Certificate of Analysis

TVPH/BTEX/M TBE/Naphthalene by GC PID/FID

Station ID: EPAMW02D-0411

Date / Time Sampled: 04/19/11 11:00

Workorder 1104024

EPA Tag No.: BTEX/GAS

Matrix: Water

Lab Number: 1104024-07 D

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|--------------------------------------|-------------------------|---------|---------------------|-------------|--------------|-----------------|------------|-----|---------|
| 8021B/8015D | Benzene | 203 | ug/L | | 10.0 | 10 | 04/26/2011 | JAK | 1100148 |
| 8021B/8015D | Ethyl Benzene | 65.3 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK | 1100148 |
| 8021B/8015D | m,p-Xylene | 521 | ug/L | | 20.0 | 10 | 04/26/2011 | JAK | 1100148 |
| 8021B/8015D | Methyl tert-Butyl Ether | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK | 1100148 |
| 8021B/8015D | Naphthalene | 6.0 | ug/L | | 2.0 | 1 | 04/26/2011 | JAK | 1100148 |
| 8021B/8015D | o-Xylene | 151 | ug/L | | 10.0 | 10 | 04/26/2011 | JAK | 1100148 |
| 8021B/8015D | Toluene | 418 | ug/L | | 10.0 | 10 | 04/26/2011 | JAK | 1100148 |
| 8021B/8015D | TPH as Gasoline | 3200 | ug/L | | 20.0 | 1 | 04/26/2011 | JAK | 1100148 |
| <i>Surrogate: Bromofluorobenzene</i> | | 114 % | <i>Limit 70-130</i> | | | 1 | 04/26/2011 | JAK | 1100148 |

Station ID: FIELD BLANK

Date / Time Sampled: 04/18/11 18:00

Workorder 1104024

EPA Tag No.: BTEX/GAS

Matrix: Water

Lab Number: 1104024-08 D

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|--------------------------------------|-------------------------|---------|---------------------|-------------|--------------|-----------------|------------|-----|---------|
| 8021B/8015D | Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK | 1100148 |
| 8021B/8015D | Ethyl Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK | 1100148 |
| 8021B/8015D | m,p-Xylene | < 2.0 | ug/L | | 2.0 | 1 | 04/26/2011 | JAK | 1100148 |
| 8021B/8015D | Methyl tert-Butyl Ether | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK | 1100148 |
| 8021B/8015D | Naphthalene | < 2.0 | ug/L | | 2.0 | 1 | 04/26/2011 | JAK | 1100148 |
| 8021B/8015D | o-Xylene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK | 1100148 |
| 8021B/8015D | Toluene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK | 1100148 |
| 8021B/8015D | TPH as Gasoline | 21.3 | ug/L | | 20.0 | 1 | 04/26/2011 | JAK | 1100148 |
| <i>Surrogate: Bromofluorobenzene</i> | | 103 % | <i>Limit 70-130</i> | | | 1 | 04/26/2011 | JAK | 1100148 |

Station ID: EPAMW01-0411

Date / Time Sampled: 04/20/11 10:00

Workorder 1104026

EPA Tag No.: BTEX/GAS

Matrix: Water

Lab Number: 1104026-01 D

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|--------------------------------------|-------------------------|---------|---------------------|-------------|--------------|-----------------|------------|-----|---------|
| 8021B/8015D | Benzene | 36.8 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK | 1100148 |
| 8021B/8015D | Ethyl Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK | 1100148 |
| 8021B/8015D | m,p-Xylene | < 2.0 | ug/L | | 2.0 | 1 | 04/26/2011 | JAK | 1100148 |
| 8021B/8015D | Methyl tert-Butyl Ether | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK | 1100148 |
| 8021B/8015D | Naphthalene | < 2.0 | ug/L | | 2.0 | 1 | 04/26/2011 | JAK | 1100148 |
| 8021B/8015D | o-Xylene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK | 1100148 |
| 8021B/8015D | Toluene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK | 1100148 |
| 8021B/8015D | TPH as Gasoline | 592 | ug/L | | 20.0 | 1 | 04/26/2011 | JAK | 1100148 |
| <i>Surrogate: Bromofluorobenzene</i> | | 101 % | <i>Limit 70-130</i> | | | 1 | 04/26/2011 | JAK | 1100148 |

Project: Pavillion 2011 #1 LSR No: 1104024

Certificate of Analysis

TVPH/BTEX/M TBE/Naphthalene by GC PID/FID

Station ID: PGDW45-0411

Date / Time Sampled: 04/19/11 16:30

Workorder 1104026

EPA Tag No.: BTEX/GAS

Matrix: Water

Lab Number: 1104026-02 D

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | |
|--------------------------------------|-------------------------|---------|---------------------|-------------|--------------|----------|------------|-------------|
| | | | | | | Factor | Analyzed | By |
| 8021B/8015D | Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Ethyl Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | m,p-Xylene | < 2.0 | ug/L | | 2.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Methyl tert-Butyl Ether | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Naphthalene | < 2.0 | ug/L | | 2.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | o-Xylene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Toluene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | TPH as Gasoline | < 20.0 | ug/L | | 20.0 | 1 | 04/26/2011 | JAK 1100148 |
| <i>Surrogate: Bromofluorobenzene</i> | | 90.7 % | <i>Limit 70-130</i> | | | 1 | 04/26/2011 | JAK 1100148 |

Station ID: PGDW05-0411

Date / Time Sampled: 04/19/11 17:15

Workorder 1104026

EPA Tag No.: BTEX/GAS

Matrix: Water

Lab Number: 1104026-03 D

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | |
|--------------------------------------|-------------------------|---------|---------------------|-------------|--------------|----------|------------|-------------|
| | | | | | | Factor | Analyzed | By |
| 8021B/8015D | Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Ethyl Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | m,p-Xylene | < 2.0 | ug/L | | 2.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Methyl tert-Butyl Ether | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Naphthalene | < 2.0 | ug/L | | 2.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | o-Xylene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Toluene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | TPH as Gasoline | 42.8 | ug/L | | 20.0 | 1 | 04/26/2011 | JAK 1100148 |
| <i>Surrogate: Bromofluorobenzene</i> | | 101 % | <i>Limit 70-130</i> | | | 1 | 04/26/2011 | JAK 1100148 |

Station ID: Trip Blank

Date / Time Sampled: 04/14/11 17:00

Workorder 1104026

EPA Tag No.: BTEX/GAS

Matrix: Water

Lab Number: 1104026-04 D

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | |
|--------------------------------------|-------------------------|---------|---------------------|-------------|--------------|----------|------------|-------------|
| | | | | | | Factor | Analyzed | By |
| 8021B/8015D | Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Ethyl Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | m,p-Xylene | < 2.0 | ug/L | | 2.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Methyl tert-Butyl Ether | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Naphthalene | < 2.0 | ug/L | | 2.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | o-Xylene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | Toluene | < 1.0 | ug/L | | 1.0 | 1 | 04/26/2011 | JAK 1100148 |
| 8021B/8015D | TPH as Gasoline | < 20.0 | ug/L | | 20.0 | 1 | 04/26/2011 | JAK 1100148 |
| <i>Surrogate: Bromofluorobenzene</i> | | 102 % | <i>Limit 70-130</i> | | | 1 | 04/26/2011 | JAK 1100148 |

Project: Pavillion 2011 #1 LSR No: 1104024

Certificate of Analysis

TVPH/BTEX/M TBE/Naphthalene by GC PID/FID

Station ID: PGDW41-0411

Date / Time Sampled: 04/20/11 13:00

Workorder 1104026

EPA Tag No.: BTEX/GAS

Matrix: Water

Lab Number: 1104026-05 D

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | |
|--------------------------------------|-------------------------|---------|---------------------|-------------|--------------|----------|------------|-------------|
| | | | | | | Factor | Analyzed | By |
| 8021B/8015D | Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | Ethyl Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | m,p-Xylene | < 2.0 | ug/L | | 2.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | Methyl tert-Butyl Ether | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | Naphthalene | < 2.0 | ug/L | | 2.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | o-Xylene | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | Toluene | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | TPH as Gasoline | < 20.0 | ug/L | | 20.0 | 1 | 04/27/2011 | JAK 1100148 |
| <i>Surrogate: Bromofluorobenzene</i> | | 100 % | <i>Limit 70-130</i> | | | 1 | 04/27/2011 | JAK 1100148 |

Station ID: PGDW14-0411

Date / Time Sampled: 04/20/11 16:30

Workorder 1104027

EPA Tag No.: BTEX/GRO

Matrix: Water

Lab Number: 1104027-01 D

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | |
|--------------------------------------|-------------------------|---------|---------------------|-------------|--------------|----------|------------|-------------|
| | | | | | | Factor | Analyzed | By |
| 8021B/8015D | Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | Ethyl Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | m,p-Xylene | < 2.0 | ug/L | | 2.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | Methyl tert-Butyl Ether | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | Naphthalene | < 2.0 | ug/L | | 2.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | o-Xylene | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | Toluene | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | TPH as Gasoline | < 20.0 | ug/L | | 20.0 | 1 | 04/27/2011 | JAK 1100148 |
| <i>Surrogate: Bromofluorobenzene</i> | | 101 % | <i>Limit 70-130</i> | | | 1 | 04/27/2011 | JAK 1100148 |

Station ID: PGDW49-0411

Date / Time Sampled: 04/20/11 14:10

Workorder 1104027

EPA Tag No.: BTEX/GRO

Matrix: Water

Lab Number: 1104027-02 D

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | |
|--------------------------------------|-------------------------|---------|---------------------|-------------|--------------|----------|------------|-------------|
| | | | | | | Factor | Analyzed | By |
| 8021B/8015D | Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | Ethyl Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | m,p-Xylene | < 2.0 | ug/L | | 2.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | Methyl tert-Butyl Ether | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | Naphthalene | < 2.0 | ug/L | | 2.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | o-Xylene | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | Toluene | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | TPH as Gasoline | < 20.0 | ug/L | | 20.0 | 1 | 04/27/2011 | JAK 1100148 |
| <i>Surrogate: Bromofluorobenzene</i> | | 105 % | <i>Limit 70-130</i> | | | 1 | 04/27/2011 | JAK 1100148 |

Project: Pavillion 2011 #1 LSR No: 1104024

Certificate of Analysis

TVPH/BTEX/M TBE/Naphthalene by GC PID/FID

Station ID: PGDW23-0411

Date / Time Sampled: 04/21/11 13:45

Workorder 1104027

EPA Tag No.: BTEX/GRO

Matrix: Water

Lab Number: 1104027-03 D

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | |
|--------------------------------------|-------------------------|---------|---------------------|-------------|--------------|----------|------------|-------------|
| | | | | | | Factor | Analyzed | By |
| 8021B/8015D | Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | Ethyl Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | m,p-Xylene | < 2.0 | ug/L | | 2.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | Methyl tert-Butyl Ether | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | Naphthalene | < 2.0 | ug/L | | 2.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | o-Xylene | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | Toluene | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | TPH as Gasoline | < 20.0 | ug/L | | 20.0 | 1 | 04/27/2011 | JAK 1100148 |
| <i>Surrogate: Bromofluorobenzene</i> | | 103 % | <i>Limit 70-130</i> | | | 1 | 04/27/2011 | JAK 1100148 |

Station ID: PGDW44-0411

Date / Time Sampled: 04/21/11 13:00

Workorder 1104027

EPA Tag No.: BTEX/GRO

Matrix: Water

Lab Number: 1104027-04 D

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | |
|--------------------------------------|-------------------------|---------|---------------------|-------------|--------------|----------|------------|-------------|
| | | | | | | Factor | Analyzed | By |
| 8021B/8015D | Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | Ethyl Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | m,p-Xylene | < 2.0 | ug/L | | 2.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | Methyl tert-Butyl Ether | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | Naphthalene | < 2.0 | ug/L | | 2.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | o-Xylene | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | Toluene | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | TPH as Gasoline | < 20.0 | ug/L | | 20.0 | 1 | 04/27/2011 | JAK 1100148 |
| <i>Surrogate: Bromofluorobenzene</i> | | 100 % | <i>Limit 70-130</i> | | | 1 | 04/27/2011 | JAK 1100148 |

Station ID: Field Blank

Date / Time Sampled: 04/21/11 11:00

Workorder 1104027

EPA Tag No.: BTEX/GRO

Matrix: Water

Lab Number: 1104027-07 D

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | |
|--------------------------------------|-------------------------|---------|---------------------|-------------|--------------|----------|------------|-------------|
| | | | | | | Factor | Analyzed | By |
| 8021B/8015D | Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | Ethyl Benzene | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | m,p-Xylene | < 2.0 | ug/L | | 2.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | Methyl tert-Butyl Ether | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | Naphthalene | < 2.0 | ug/L | | 2.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | o-Xylene | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | Toluene | < 1.0 | ug/L | | 1.0 | 1 | 04/27/2011 | JAK 1100148 |
| 8021B/8015D | TPH as Gasoline | < 20.0 | ug/L | | 20.0 | 1 | 04/27/2011 | JAK 1100148 |
| <i>Surrogate: Bromofluorobenzene</i> | | 99.5 % | <i>Limit 70-130</i> | | | 1 | 04/27/2011 | JAK 1100148 |

Project: Pavillion 2011 #1 LSR No: 1104024

Certificate of Analysis

Extractable Petroleum Hydrocarbons by 8015 DRO

| | | | | |
|-------------------------|----------------------|----------------|-------------|--------------|
| Station ID: PGDW20-0411 | Date / Time Sampled: | 04/18/11 11:45 | Workorder | 1104024 |
| EPA Tag No.: DRO | Matrix: | Water | Lab Number: | 1104024-01 E |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|-----------|---|------------------|----------------------|----------------|-----------------|--------------------|------------|-----|---------|
| EPA 8015B | Diesel range organics Surrogate: o-Terphenyl | < 21.9 87.5 % | ug/L Limit 60-140 | | 21.9 | 1 | 04/27/2011 | JAK | 1100140 |

| | | | | |
|-------------------------|----------------------|----------------|-------------|--------------|
| Station ID: PGDW26-0411 | Date / Time Sampled: | 04/18/11 13:15 | Workorder | 1104024 |
| EPA Tag No.: DRO | Matrix: | Water | Lab Number: | 1104024-02 E |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|-----------|---|----------------|----------------------|----------------|-----------------|--------------------|------------|-----|---------|
| EPA 8015B | Diesel range organics Surrogate: o-Terphenyl | 47.2 88.5 % | ug/L Limit 60-140 | | 21.9 | 1 | 04/27/2011 | JAK | 1100140 |

| | | | | |
|-------------------------|----------------------|----------------|-------------|--------------|
| Station ID: PGDW30-0411 | Date / Time Sampled: | 04/18/11 16:20 | Workorder | 1104024 |
| EPA Tag No.: DRO | Matrix: | Water | Lab Number: | 1104024-03 E |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|-----------|---|----------------|----------------------|----------------|-----------------|--------------------|------------|-----|---------|
| EPA 8015B | Diesel range organics Surrogate: o-Terphenyl | 37.0 88.7 % | ug/L Limit 60-140 | | 21.7 | 1 | 04/27/2011 | JAK | 1100140 |

| | | | | |
|-------------------------|----------------------|----------------|-------------|--------------|
| Station ID: PGDW32-0411 | Date / Time Sampled: | 04/18/11 06:00 | Workorder | 1104024 |
| EPA Tag No.: DRO | Matrix: | Water | Lab Number: | 1104024-04 E |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|-----------|---|------------------|----------------------|----------------|-----------------|--------------------|------------|-----|---------|
| EPA 8015B | Diesel range organics Surrogate: o-Terphenyl | < 20.9 89.2 % | ug/L Limit 60-140 | | 20.9 | 1 | 04/27/2011 | JAK | 1100140 |

| | | | | |
|--------------------------|----------------------|----------------|-------------|--------------|
| Station ID: PGDW32D-0411 | Date / Time Sampled: | 04/18/11 06:00 | Workorder | 1104024 |
| EPA Tag No.: DRO | Matrix: | Water | Lab Number: | 1104024-05 E |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|-----------|---|------------------|----------------------|----------------|-----------------|--------------------|------------|-----|---------|
| EPA 8015B | Diesel range organics Surrogate: o-Terphenyl | < 22.0 85.2 % | ug/L Limit 60-140 | | 22.0 | 1 | 04/27/2011 | JAK | 1100140 |

Project: Pavillion 2011 #1 LSR No: 1104024

Certificate of Analysis

Extractable Petroleum Hydrocarbons by 8015 DRO

Station ID: EPAMW02-0411

Date / Time Sampled: 04/19/11 11:00

Workorder 1104024

EPA Tag No.: DRO

Matrix: Water

Lab Number: 1104024-06 E

Method Method

Parameter Parameter

Results Results

Units Units

Qual- ifier Qualifier

Report Limit Report Limit

Dilution Factor Dilution Factor

Analyzed Analyzed

By By

Batch Batch

EPA 8015B Diesel range organics

4050

ug/L

233

10

04/27/2011

JAK

1100140

Surrogate: o-Terphenyl

110 %

Limit 60-140

10

04/27/2011

JAK

1100140

Station ID: EPAMW02D-0411

Date / Time Sampled: 04/19/11 11:00

Workorder 1104024

EPA Tag No.: DRO

Matrix: Water

Lab Number: 1104024-07 E

Method Method

Parameter Parameter

Results Results

Units Units

Qual- ifier Qualifier

Report Limit Report Limit

Dilution Factor Dilution Factor

Analyzed Analyzed

By By

Batch Batch

EPA 8015B Diesel range organics

4200

ug/L

220

10

04/27/2011

JAK

1100140

Surrogate: o-Terphenyl

104 %

Limit 60-140

10

04/27/2011

JAK

1100140

Station ID: FIELD BLANK

Date / Time Sampled: 04/18/11 18:00

Workorder 1104024

EPA Tag No.: DRO

Matrix: Water

Lab Number: 1104024-08 E

Method Method

Parameter Parameter

Results Results

Units Units

Qual- ifier Qualifier

Report Limit Report Limit

Dilution Factor Dilution Factor

Analyzed Analyzed

By By

Batch Batch

EPA 8015B Diesel range organics

< 22.5

ug/L

22.5

1

04/27/2011

JAK

1100140

Surrogate: o-Terphenyl

86.5 %

Limit 60-140

1

04/27/2011

JAK

1100140

Station ID: EPAMW01-0411

Date / Time Sampled: 04/20/11 10:00

Workorder 1104026

EPA Tag No.: DRO

Matrix: Water

Lab Number: 1104026-01 E

Method Method

Parameter Parameter

Results Results

Units Units

Qual- ifier Qualifier

Report Limit Report Limit

Dilution Factor Dilution Factor

Analyzed Analyzed

By By

Batch Batch

EPA 8015B Diesel range organics

924

ug/L

222

10

04/27/2011

JAK

1100140

Surrogate: o-Terphenyl

89.4 %

Limit 60-140

10

04/27/2011

JAK

1100140

Station ID: PGDW45-0411

Date / Time Sampled: 04/19/11 16:30

Workorder 1104026

EPA Tag No.: DRO

Matrix: Water

Lab Number: 1104026-02 E

Method Method

Parameter Parameter

Results Results

Units Units

Qual- ifier Qualifier

Report Limit Report Limit

Dilution Factor Dilution Factor

Analyzed Analyzed

By By

Batch Batch

EPA 8015B Diesel range organics

32.1

ug/L

26.1

1

04/27/2011

JAK

1100140

Surrogate: o-Terphenyl

87.4 %

Limit 60-140

1

04/27/2011

JAK

1100140

Project: Pavillion 2011 #1 LSR No: 1104024

Certificate of Analysis

Extractable Petroleum Hydrocarbons by 8015 DRO

| | | | | |
|-------------------------|----------------------|----------------|-------------|--------------|
| Station ID: PGDW05-0411 | Date / Time Sampled: | 04/19/11 17:15 | Workorder | 1104026 |
| EPA Tag No.: DRO | Matrix: | Water | Lab Number: | 1104026-03 E |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|-----------|------------------------|---------|--------------|----------------|-----------------|--------------------|------------|-----|---------|
| EPA 8015B | Diesel range organics | 68.1 | ug/L | | 21.3 | 1 | 04/27/2011 | JAK | 1100140 |
| | Surrogate: o-Terphenyl | 88.3 % | Limit 60-140 | | | 1 | 04/27/2011 | JAK | 1100140 |

| | | | | |
|------------------------|----------------------|----------------|-------------|--------------|
| Station ID: Trip Blank | Date / Time Sampled: | 04/14/11 17:00 | Workorder | 1104026 |
| EPA Tag No.: DRO | Matrix: | Water | Lab Number: | 1104026-04 E |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|-----------|------------------------|---------|--------------|----------------|-----------------|--------------------|------------|-----|---------|
| EPA 8015B | Diesel range organics | < 22.2 | ug/L | J | 22.2 | 1 | 04/27/2011 | JAK | 1100140 |
| | Surrogate: o-Terphenyl | 87.7 % | Limit 60-140 | | | 1 | 04/27/2011 | JAK | 1100140 |

| | | | | |
|-------------------------|----------------------|----------------|-------------|--------------|
| Station ID: PGDW41-0411 | Date / Time Sampled: | 04/20/11 13:00 | Workorder | 1104026 |
| EPA Tag No.: DRO | Matrix: | Water | Lab Number: | 1104026-05 E |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|-----------|------------------------|---------|--------------|----------------|-----------------|--------------------|------------|-----|---------|
| EPA 8015B | Diesel range organics | 132 | ug/L | | 20.0 | 1 | 04/27/2011 | JAK | 1100140 |
| | Surrogate: o-Terphenyl | 86.0 % | Limit 60-140 | | | 1 | 04/27/2011 | JAK | 1100140 |

| | | | | |
|-------------------------|----------------------|----------------|-------------|--------------|
| Station ID: PGDW14-0411 | Date / Time Sampled: | 04/20/11 16:30 | Workorder | 1104027 |
| EPA Tag No.: DRO | Matrix: | Water | Lab Number: | 1104027-01 E |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|-----------|------------------------|---------|--------------|----------------|-----------------|--------------------|------------|-----|---------|
| EPA 8015B | Diesel range organics | < 20.8 | ug/L | | 20.8 | 1 | 04/27/2011 | JAK | 1100147 |
| | Surrogate: o-Terphenyl | 83.5 % | Limit 60-140 | | | 1 | 04/27/2011 | JAK | 1100147 |

| | | | | |
|-------------------------|----------------------|----------------|-------------|--------------|
| Station ID: PGDW49-0411 | Date / Time Sampled: | 04/20/11 14:10 | Workorder | 1104027 |
| EPA Tag No.: DRO | Matrix: | Water | Lab Number: | 1104027-02 E |

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution Factor | Analyzed | By | Batch |
|-----------|------------------------|---------|--------------|----------------|-----------------|--------------------|------------|-----|---------|
| EPA 8015B | Diesel range organics | 51.9 | ug/L | | 20.8 | 1 | 04/27/2011 | JAK | 1100147 |
| | Surrogate: o-Terphenyl | 86.0 % | Limit 60-140 | | | 1 | 04/27/2011 | JAK | 1100147 |

Project: Pavillion 2011 #1 LSR No: 1104024

Certificate of Analysis

Extractable Petroleum Hydrocarbons by 8015 DRO

Station ID: PGDW23-0411

Date / Time Sampled: 04/21/11 13:45

Workorder 1104027

EPA Tag No.: DRO

Matrix: Water

Lab Number: 1104027-03 E

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | |
|-----------|------------------------|---------|--------------|-------------|--------------|----------|------------|-------------|
| | | | | | | Factor | Analyzed | By |
| EPA 8015B | Diesel range organics | 21.1 | ug/L | | 20.8 | 1 | 04/27/2011 | JAK 1100147 |
| | Surrogate: o-Terphenyl | 92.3 % | Limit 60-140 | | | 1 | 04/27/2011 | JAK 1100147 |

Station ID: PGDW44-0411

Date / Time Sampled: 04/21/11 13:00

Workorder 1104027

EPA Tag No.: DRO

Matrix: Water

Lab Number: 1104027-04 E

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | |
|-----------|------------------------|---------|--------------|-------------|--------------|----------|------------|-------------|
| | | | | | | Factor | Analyzed | By |
| EPA 8015B | Diesel range organics | 60.5 | ug/L | | 20.6 | 1 | 04/27/2011 | JAK 1100147 |
| | Surrogate: o-Terphenyl | 87.7 % | Limit 60-140 | | | 1 | 04/27/2011 | JAK 1100147 |

Station ID: Field Blank

Date / Time Sampled: 04/21/11 11:00

Workorder 1104027

EPA Tag No.: DRO

Matrix: Water

Lab Number: 1104027-07 E

| Method | Parameter | Results | Units | Qual- ifier | Report Limit | Dilution | | |
|-----------|------------------------|---------|--------------|-------------|--------------|----------|------------|-------------|
| | | | | | | Factor | Analyzed | By |
| EPA 8015B | Diesel range organics | 135 | ug/L | | 21.1 | 1 | 04/27/2011 | JAK 1100147 |
| | Surrogate: o-Terphenyl | 95.4 % | Limit 60-140 | | | 1 | 04/27/2011 | JAK 1100147 |

Note: "J" Qualifier indicates an estimated value.

Volatile Organic Compounds by EPA Method 8260B - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|

Batch 1100162 - Default Prep VOC

Method Blank (1100162-BLK1)

Prepared & Analyzed: 04/26/11

| | | | |
|-----------------------------|---------|-------|------|
| 1,1,1,2-Tetrachloroethane | < 0.250 | 0.250 | ug/L |
| 1,1,1-Trichloroethane | < 0.250 | 0.250 | " |
| 1,1,2,2-Tetrachloroethane | < 0.250 | 0.250 | " |
| 1,1,2-Trichloroethane | < 0.250 | 0.250 | " |
| 1,1-Dichloroethane | < 0.250 | 0.250 | " |
| 1,1-Dichloroethene | < 0.250 | 0.250 | " |
| 1,1-Dichloropropene | < 0.250 | 0.250 | " |
| 1,2,3-Trichlorobenzene | < 0.250 | 0.250 | " |
| 1,2,3-Trichloropropane | < 0.250 | 0.250 | " |
| 1,2,4-Trichlorobenzene | < 0.250 | 0.250 | " |
| 1,2,4-Trimethylbenzene | < 0.250 | 0.250 | " |
| 1,2-Dibromo-3-chloropropane | < 0.250 | 0.250 | " |
| 1,2-Dibromoethane (EDB) | < 0.250 | 0.250 | " |
| 1,2-Dichlorobenzene | < 0.250 | 0.250 | " |
| 1,2-Dichloroethane | < 0.250 | 0.250 | " |
| 1,2-Dichloropropane | < 0.250 | 0.250 | " |
| 1,3,5-Trimethylbenzene | < 0.250 | 0.250 | " |
| 1,3-Dichlorobenzene | < 0.250 | 0.250 | " |
| 1,3-Dichloropropane | < 0.250 | 0.250 | " |
| 1,3-Dimethyl adamantine | < 0.250 | 0.250 | " |
| 1,4-Dichlorobenzene | < 0.250 | 0.250 | " |
| 2,2-Dichloropropane | < 0.250 | 0.250 | " |
| 2-Butanone | < 0.500 | 0.500 | " |
| 2-Chlorotoluene | < 0.250 | 0.250 | " |
| 2-Hexanone | < 0.250 | 0.250 | " |
| 4-Chlorotoluene | < 0.250 | 0.250 | " |
| 4-Methyl-2-pentanone | < 0.250 | 0.250 | " |
| Acetone | < 1.00 | 1.00 | " |
| Acrylonitrile | < 0.250 | 0.250 | " |
| Adamantane | < 0.250 | 0.250 | " |
| Allyl chloride | < 0.250 | 0.250 | " |
| Benzene | < 0.250 | 0.250 | " |
| Bromobenzene | < 0.250 | 0.250 | " |
| Bromochloromethane | < 0.250 | 0.250 | " |
| Bromodichloromethane | < 0.250 | 0.250 | " |
| Bromoform | < 0.250 | 0.250 | " |
| Bromomethane | < 0.250 | 0.250 | " |
| Carbon disulfide | < 0.250 | 0.250 | " |
| Carbon tetrachloride | < 0.250 | 0.250 | " |
| Chlorobenzene | < 0.250 | 0.250 | " |
| Chlorodibromomethane | < 0.250 | 0.250 | " |
| Chloroethane | < 0.250 | 0.250 | " |
| Chloroform | < 0.250 | 0.250 | " |
| Chloromethane | < 0.250 | 0.250 | " |
| cis-1,2-Dichloroethene | < 0.250 | 0.250 | " |
| cis-1,3-Dichloropropene | < 0.250 | 0.250 | " |
| Dibromomethane | < 0.250 | 0.250 | " |
| Ethyl Ether | < 0.250 | 0.250 | " |
| Ethylbenzene | < 0.250 | 0.250 | " |
| Hexachlorobutadiene | < 0.250 | 0.250 | " |
| Hexachloroethane | < 0.250 | 0.250 | " |
| Iodomethane | < 0.250 | 0.250 | " |
| Isopropylbenzene | < 0.250 | 0.250 | " |
| m,p-Xylene | < 0.500 | 0.500 | " |

Volatile Organic Compounds by EPA Method 8260B - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|

Batch 1100162 - Default Prep VOC

| Method Blank (1100162-BLK1) | | | | Prepared & Analyzed: 04/26/11 | | | | |
|----------------------------------|---------|-------|------|-------------------------------|------|--------|--|--|
| Methacrylonitrile | < 0.250 | 0.250 | ug/L | | | | | |
| Methyl Acrylate | < 0.250 | 0.250 | " | | | | | |
| Methyl tert-Butyl Ether | < 0.250 | 0.250 | " | | | | | |
| Methylene chloride | < 0.250 | 0.250 | " | | | | | |
| Naphthalene | < 0.250 | 0.250 | " | | | | | |
| n-Butyl Benzene | < 0.250 | 0.250 | " | | | | | |
| n-Propyl Benzene | < 0.250 | 0.250 | " | | | | | |
| o-Xylene | < 0.250 | 0.250 | " | | | | | |
| p-Isopropyltoluene | < 0.250 | 0.250 | " | | | | | |
| sec-Butylbenzene | < 0.250 | 0.250 | " | | | | | |
| Styrene | < 0.250 | 0.250 | " | | | | | |
| tert-Butylbenzene | < 0.250 | 0.250 | " | | | | | |
| Tetrachloroethene | < 0.250 | 0.250 | " | | | | | |
| Toluene | < 0.250 | 0.250 | " | | | | | |
| trans-1,2-Dichloroethene | < 0.250 | 0.250 | " | | | | | |
| trans-1,3-Dichloropropene | < 0.250 | 0.250 | " | | | | | |
| Trichloroethene | < 0.250 | 0.250 | " | | | | | |
| Trichlorofluoromethane | < 0.250 | 0.250 | " | | | | | |
| Vinyl chloride | < 0.250 | 0.250 | " | | | | | |
| Xylenes (total) | < 1.00 | 1.00 | " | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 4.44 | " | 4.00 | | 111 | 70-120 | | |
| Surrogate: 4-Bromofluorobenzene | 4.60 | " | 4.00 | | 115 | 75-120 | | |
| Surrogate: Dibromofluoromethane | 4.21 | " | 4.00 | | 105 | 85-115 | | |
| Surrogate: Toluene-d8 | 3.83 | " | 4.00 | | 95.8 | 85-120 | | |

| Method Blank Spike (1100162-BS1) | | | | Prepared & Analyzed: 04/26/11 | | | | |
|----------------------------------|------|-------|------|-------------------------------|------|--------|--|--|
| 1,1,1,2-Tetrachloroethane | 5.01 | 0.250 | ug/L | 5.00 | 100 | 80-130 | | |
| 1,1,1-Trichloroethane | 5.24 | 0.250 | " | 5.00 | 105 | 65-130 | | |
| 1,1,2,2-Tetrachloroethane | 5.59 | 0.250 | " | 5.00 | 112 | 65-130 | | |
| 1,1,2-Trichloroethane | 4.95 | 0.250 | " | 5.00 | 99.0 | 75-125 | | |
| 1,1-Dichloroethane | 4.97 | 0.250 | " | 5.00 | 99.4 | 70-135 | | |
| 1,1-Dichloroethene | 5.21 | 0.250 | " | 5.00 | 104 | 70-130 | | |
| 1,1-Dichloropropene | 6.08 | 0.250 | " | 5.00 | 122 | 75-130 | | |
| 1,2,3-Trichlorobenzene | 5.44 | 0.250 | " | 5.00 | 109 | 55-140 | | |
| 1,2,3-Trichloropropane | 4.89 | 0.250 | " | 5.00 | 97.8 | 75-125 | | |
| 1,2,4-Trichlorobenzene | 5.81 | 0.250 | " | 5.00 | 116 | 65-135 | | |
| 1,2,4-Trimethylbenzene | 5.31 | 0.250 | " | 5.00 | 106 | 75-130 | | |
| 1,2-Dibromo-3-chloropropane | 4.93 | 0.250 | " | 5.00 | 98.6 | 50-130 | | |
| 1,2-Dibromoethane (EDB) | 5.13 | 0.250 | " | 5.00 | 103 | 80-120 | | |
| 1,2-Dichlorobenzene | 5.25 | 0.250 | " | 5.00 | 105 | 70-120 | | |
| 1,2-Dichloroethane | 4.78 | 0.250 | " | 5.00 | 95.6 | 70-130 | | |
| 1,2-Dichloropropane | 5.30 | 0.250 | " | 5.00 | 106 | 75-125 | | |
| 1,3,5-Trimethylbenzene | 5.32 | 0.250 | " | 5.00 | 106 | 75-130 | | |
| 1,3-Dichlorobenzene | 5.47 | 0.250 | " | 5.00 | 109 | 75-125 | | |
| 1,3-Dichloropropane | 5.19 | 0.250 | " | 5.00 | 104 | 75-125 | | |
| 1,3-Dimethyl adamantan | 5.46 | 0.250 | " | 5.00 | 109 | 70-130 | | |
| 1,4-Dichlorobenzene | 4.97 | 0.250 | " | 5.00 | 99.4 | 75-125 | | |
| 2,2-Dichloropropane | 7.30 | 0.250 | " | 5.00 | 146 | 70-135 | | |
| 2-Butanone | 5.75 | 0.500 | " | 5.00 | 115 | 30-150 | | |
| 2-Chlorotoluene | 6.11 | 0.250 | " | 5.00 | 122 | 75-125 | | |
| 2-Hexanone | 5.51 | 0.250 | " | 5.00 | 110 | 55-130 | | |
| 4-Chlorotoluene | 6.25 | 0.250 | " | 5.00 | 125 | 75-130 | | |
| 4-Methyl-2-pentanone | 5.21 | 0.250 | " | 5.00 | 104 | 60-135 | | |

Volatile Organic Compounds by EPA Method 8260B - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---|--------|-----------------|-------|-------------|---------------|--------|-------------|-----|-----------|
| Batch 1100162 - Default Prep VOC | | | | | | | | | |
| Method Blank Spike (1100162-BS1) | | | | | | | | | |
| Prepared & Analyzed: 04/26/11 | | | | | | | | | |
| | | | | | | | | | |
| Acetone | 5.84 | 1.00 | ug/L | 5.00 | 117 | 40-140 | | | |
| Acrylonitrile | 5.03 | 0.250 | " | 5.00 | 101 | 50-130 | | | |
| Adamantane | 5.43 | 0.250 | " | 5.00 | 109 | 70-130 | | | |
| Allyl chloride | 5.68 | 0.250 | " | 5.00 | 114 | 50-130 | | | |
| Benzene | 5.17 | 0.250 | " | 5.00 | 103 | 80-120 | | | |
| Bromobenzene | 5.33 | 0.250 | " | 5.00 | 107 | 75-125 | | | |
| Bromoform | 5.01 | 0.250 | " | 5.00 | 100 | 70-130 | | | |
| Bromomethane | 4.96 | 0.250 | " | 5.00 | 99.2 | 30-145 | | | |
| Carbon disulfide | 4.85 | 0.250 | " | 5.00 | 97.0 | 35-160 | | | |
| Carbon tetrachloride | 5.06 | 0.250 | " | 5.00 | 101 | 65-140 | | | |
| Chlorobenzene | 5.23 | 0.250 | " | 5.00 | 105 | 80-120 | | | |
| Chlorodibromomethane | 4.92 | 0.250 | " | 5.00 | 98.4 | 60-135 | | | |
| Chloroethane | 5.13 | 0.250 | " | 5.00 | 103 | 60-135 | | | |
| Chloroform | 4.86 | 0.250 | " | 5.00 | 97.2 | 65-135 | | | |
| Chloromethane | 4.53 | 0.250 | " | 5.00 | 90.6 | 40-125 | | | |
| cis-1,2-Dichloroethene | 5.48 | 0.250 | " | 5.00 | 110 | 70-125 | | | |
| cis-1,3-Dichloropropene | 5.10 | 0.250 | " | 5.00 | 102 | 70-130 | | | |
| Dibromomethane | 4.82 | 0.250 | " | 5.00 | 96.4 | 75-125 | | | |
| Ethyl Ether | 5.34 | 0.250 | " | 5.00 | 107 | 50-130 | | | |
| Ethylbenzene | 5.07 | 0.250 | " | 5.00 | 101 | 75-125 | | | |
| Hexachlorobutadiene | 5.28 | 0.250 | " | 5.00 | 106 | 50-140 | | | |
| Hexachloroethane | 5.87 | 0.250 | " | 5.00 | 117 | 50-130 | | | |
| Iodomethane | 5.26 | 0.250 | " | 5.00 | 105 | 50-130 | | | |
| Isopropylbenzene | 5.54 | 0.250 | " | 5.00 | 111 | 75-125 | | | |
| m,p-Xylene | 10.4 | 0.500 | " | 10.0 | 104 | 75-125 | | | |
| Methacrylonitrile | 4.85 | 0.250 | " | 5.00 | 97.0 | 50-130 | | | |
| Methyl Acrylate | 5.35 | 0.250 | " | 5.00 | 107 | 50-130 | | | |
| Methyl tert-Butyl Ether | 5.64 | 0.250 | " | 5.00 | 113 | 65-125 | | | |
| Methylene chloride | 5.41 | 0.250 | " | 5.00 | 108 | 55-140 | | | |
| Naphthalene | 5.05 | 0.250 | " | 5.00 | 101 | 55-140 | | | |
| n-Butyl Benzene | 5.45 | 0.250 | " | 5.00 | 109 | 70-135 | | | |
| n-Propyl Benzene | 6.44 | 0.250 | " | 5.00 | 129 | 70-130 | | | |
| o-Xylene | 5.49 | 0.250 | " | 5.00 | 110 | 80-125 | | | |
| p-Isopropyltoluene | 5.38 | 0.250 | " | 5.00 | 108 | 75-130 | | | |
| sec-Butylbenzene | 5.43 | 0.250 | " | 5.00 | 109 | 70-125 | | | |
| Styrene | 5.38 | 0.250 | " | 5.00 | 108 | 65-135 | | | |
| tert-Butylbenzene | 5.28 | 0.250 | " | 5.00 | 106 | 70-130 | | | |
| Tetrachloroethene | 5.19 | 0.250 | " | 5.00 | 104 | 45-150 | | | |
| Toluene | 5.52 | 0.250 | " | 5.00 | 110 | 75-120 | | | |
| trans-1,2-Dichloroethene | 5.31 | 0.250 | " | 5.00 | 106 | 60-140 | | | |
| trans-1,3-Dichloropropene | 4.99 | 0.250 | " | 5.00 | 99.8 | 55-140 | | | |
| Trichloroethene | 5.10 | 0.250 | " | 5.00 | 102 | 70-125 | | | |
| Trichlorofluoromethane | 5.12 | 0.250 | " | 5.00 | 102 | 60-145 | | | |
| Vinyl chloride | 4.83 | 0.250 | " | 5.00 | 96.6 | 50-145 | | | |
| Xylenes (total) | 15.8 | 1.00 | " | 15.0 | 105 | 75-125 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 3.69 | | " | 4.00 | 92.2 | 70-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 4.15 | | " | 4.00 | 104 | 75-120 | | | |
| Surrogate: Dibromofluoromethane | 3.90 | | " | 4.00 | 97.5 | 85-115 | | | |
| Surrogate: Toluene-d8 | 4.10 | | " | 4.00 | 102 | 85-120 | | | |

Volatile Organic Compounds by EPA Method 8260B - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|

Batch 1100162 - Default Prep VOC

| Matrix Spike (1100162-MS1) | Source: 1104027-04 | | Prepared & Analyzed: 04/26/11 | | | | | | |
|-----------------------------|--------------------|-------|-------------------------------|------|---------|------|--------|--|----|
| 1,1,1,2-Tetrachloroethane | 5.14 | 0.250 | ug/L | 5.00 | < 0.250 | 103 | 80-130 | | 20 |
| 1,1,1-Trichloroethane | 5.40 | 0.250 | " | 5.00 | < 0.250 | 108 | 65-130 | | 20 |
| 1,1,2,2-Tetrachloroethane | 6.83 | 0.250 | " | 5.00 | < 0.250 | 137 | 65-130 | | 20 |
| 1,1,2-Trichloroethane | 5.20 | 0.250 | " | 5.00 | < 0.250 | 104 | 75-125 | | 20 |
| 1,1-Dichloroethane | 5.09 | 0.250 | " | 5.00 | < 0.250 | 102 | 70-135 | | 20 |
| 1,1-Dichloroethene | 5.23 | 0.250 | " | 5.00 | < 0.250 | 105 | 70-130 | | 20 |
| 1,1-Dichloropropene | 6.19 | 0.250 | " | 5.00 | < 0.250 | 124 | 75-130 | | 20 |
| 1,2,3-Trichlorobenzene | 5.75 | 0.250 | " | 5.00 | < 0.250 | 115 | 55-140 | | 20 |
| 1,2,3-Trichloropropane | 5.16 | 0.250 | " | 5.00 | < 0.250 | 103 | 75-125 | | 20 |
| 1,2,4-Trichlorobenzene | 6.23 | 0.250 | " | 5.00 | < 0.250 | 125 | 65-135 | | 20 |
| 1,2,4-Trimethylbenzene | 5.35 | 0.250 | " | 5.00 | < 0.250 | 107 | 75-130 | | 20 |
| 1,2-Dibromo-3-chloropropane | 5.51 | 0.250 | " | 5.00 | < 0.250 | 110 | 50-130 | | 20 |
| 1,2-Dibromoethane (EDB) | 5.35 | 0.250 | " | 5.00 | < 0.250 | 107 | 80-120 | | 20 |
| 1,2-Dichlorobenzene | 5.40 | 0.250 | " | 5.00 | < 0.250 | 108 | 70-120 | | 20 |
| 1,2-Dichloroethane | 4.98 | 0.250 | " | 5.00 | < 0.250 | 99.6 | 70-130 | | 20 |
| 1,2-Dichloropropane | 5.51 | 0.250 | " | 5.00 | < 0.250 | 110 | 75-125 | | 20 |
| 1,3,5-Trimethylbenzene | 5.34 | 0.250 | " | 5.00 | < 0.250 | 107 | 75-130 | | 20 |
| 1,3-Dichlorobenzene | 5.52 | 0.250 | " | 5.00 | < 0.250 | 110 | 75-125 | | 20 |
| 1,3-Dichloropropane | 5.42 | 0.250 | " | 5.00 | < 0.250 | 108 | 75-125 | | 20 |
| 1,3-Dimethyl adamantine | 5.75 | 0.250 | " | 5.00 | < 0.250 | 115 | 70-130 | | 20 |
| 1,4-Dichlorobenzene | 5.04 | 0.250 | " | 5.00 | < 0.250 | 101 | 75-125 | | 20 |
| 2,2-Dichloropropane | 7.30 | 0.250 | " | 5.00 | < 0.250 | 146 | 70-135 | | 20 |
| 2-Butanone | 5.68 | 0.500 | " | 5.00 | < 0.500 | 114 | 30-150 | | 20 |
| 2-Chlorotoluene | 6.19 | 0.250 | " | 5.00 | < 0.250 | 124 | 75-125 | | 20 |
| 2-Hexanone | 5.56 | 0.250 | " | 5.00 | < 0.250 | 111 | 55-130 | | 20 |
| 4-Chlorotoluene | 6.33 | 0.250 | " | 5.00 | < 0.250 | 127 | 75-130 | | 20 |
| 4-Methyl-2-pentanone | 5.43 | 0.250 | " | 5.00 | < 0.250 | 109 | 60-135 | | 20 |
| Acetone | 5.46 | 1.00 | " | 5.00 | < 1.00 | 109 | 40-140 | | 20 |
| Acrylonitrile | 5.29 | 0.250 | " | 5.00 | < 0.250 | 106 | 50-130 | | 20 |
| Adamantane | 5.52 | 0.250 | " | 5.00 | < 0.250 | 110 | 70-130 | | 20 |
| Allyl chloride | 5.86 | 0.250 | " | 5.00 | < 0.250 | 117 | 50-130 | | 20 |
| Benzene | 5.30 | 0.250 | " | 5.00 | < 0.250 | 106 | 80-120 | | 20 |
| Bromobenzene | 5.50 | 0.250 | " | 5.00 | < 0.250 | 110 | 75-125 | | 20 |
| Bromochloromethane | 5.13 | 0.250 | " | 5.00 | < 0.250 | 103 | 65-130 | | 20 |
| Bromodichloromethane | 5.30 | 0.250 | " | 5.00 | < 0.250 | 106 | 75-120 | | 20 |
| Bromoform | 5.22 | 0.250 | " | 5.00 | < 0.250 | 104 | 70-130 | | 20 |
| Bromomethane | 5.09 | 0.250 | " | 5.00 | < 0.250 | 102 | 30-145 | | 20 |
| Carbon disulfide | 4.92 | 0.250 | " | 5.00 | < 0.250 | 98.4 | 35-160 | | 20 |
| Carbon tetrachloride | 5.13 | 0.250 | " | 5.00 | < 0.250 | 103 | 65-140 | | 20 |
| Chlorobenzene | 5.29 | 0.250 | " | 5.00 | < 0.250 | 106 | 80-120 | | 20 |
| Chlorodibromomethane | 5.07 | 0.250 | " | 5.00 | < 0.250 | 101 | 60-135 | | 20 |
| Chloroethane | 5.28 | 0.250 | " | 5.00 | < 0.250 | 106 | 60-135 | | 20 |
| Chloroform | 4.96 | 0.250 | " | 5.00 | < 0.250 | 99.2 | 65-135 | | 20 |
| Chloromethane | 4.68 | 0.250 | " | 5.00 | < 0.250 | 93.6 | 40-125 | | 20 |
| cis-1,2-Dichloroethene | 5.64 | 0.250 | " | 5.00 | < 0.250 | 113 | 70-125 | | 20 |
| cis-1,3-Dichloropropene | 5.23 | 0.250 | " | 5.00 | < 0.250 | 105 | 70-130 | | 20 |
| Dibromomethane | 5.01 | 0.250 | " | 5.00 | < 0.250 | 100 | 75-125 | | 20 |
| Ethyl Ether | 5.64 | 0.250 | " | 5.00 | < 0.250 | 113 | 50-130 | | 20 |
| Ethylbenzene | 5.10 | 0.250 | " | 5.00 | < 0.250 | 102 | 75-125 | | 20 |
| Hexachlorobutadiene | 5.48 | 0.250 | " | 5.00 | < 0.250 | 110 | 50-140 | | 20 |
| Hexachloroethane | 6.12 | 0.250 | " | 5.00 | < 0.250 | 122 | 50-130 | | 20 |
| Iodomethane | 5.37 | 0.250 | " | 5.00 | < 0.250 | 107 | 50-130 | | 20 |
| Isopropylbenzene | 5.57 | 0.250 | " | 5.00 | < 0.250 | 111 | 75-125 | | 20 |
| m,p-Xylene | 10.4 | 0.500 | " | 10.0 | < 0.500 | 104 | 75-125 | | 20 |

Volatile Organic Compounds by EPA Method 8260B - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|

Batch 1100162 - Default Prep VOC

| Matrix Spike (1100162-MS1) | Source: 1104027-04 | | | Prepared & Analyzed: 04/26/11 | | | | |
|----------------------------------|--------------------|-------|------|-------------------------------|---------|------|--------|----|
| Methacrylonitrile | 5.14 | 0.250 | ug/L | 5.00 | < 0.250 | 103 | 50-130 | 20 |
| Methyl Acrylate | 5.73 | 0.250 | " | 5.00 | < 0.250 | 115 | 50-130 | 20 |
| Methyl tert-Butyl Ether | 5.96 | 0.250 | " | 5.00 | < 0.250 | 119 | 65-125 | 20 |
| Methylene chloride | 5.21 | 0.250 | " | 5.00 | < 0.250 | 104 | 55-140 | 20 |
| Naphthalene | 5.95 | 0.250 | " | 5.00 | < 0.250 | 119 | 55-140 | 20 |
| n-Butyl Benzene | 5.48 | 0.250 | " | 5.00 | < 0.250 | 110 | 70-135 | 20 |
| n-Propyl Benzene | 6.44 | 0.250 | " | 5.00 | < 0.250 | 129 | 70-130 | 20 |
| o-Xylene | 5.55 | 0.250 | " | 5.00 | < 0.250 | 111 | 80-125 | 20 |
| p-Isopropyltoluene | 5.39 | 0.250 | " | 5.00 | < 0.250 | 108 | 75-130 | 20 |
| sec-Butylbenzene | 5.48 | 0.250 | " | 5.00 | < 0.250 | 110 | 70-125 | 20 |
| Styrene | 5.47 | 0.250 | " | 5.00 | < 0.250 | 109 | 65-135 | 20 |
| tert-Butylbenzene | 5.44 | 0.250 | " | 5.00 | < 0.250 | 109 | 70-130 | 20 |
| Tetrachloroethene | 4.77 | 0.250 | " | 5.00 | < 0.250 | 95.4 | 45-150 | 20 |
| Toluene | 6.33 | 0.250 | " | 5.00 | 0.540 | 116 | 75-120 | 20 |
| trans-1,2-Dichloroethene | 5.38 | 0.250 | " | 5.00 | < 0.250 | 108 | 60-140 | 20 |
| trans-1,3-Dichloropropene | 5.15 | 0.250 | " | 5.00 | < 0.250 | 103 | 55-140 | 20 |
| Trichloroethene | 4.98 | 0.250 | " | 5.00 | < 0.250 | 99.6 | 70-125 | 20 |
| Trichlorofluoromethane | 5.19 | 0.250 | " | 5.00 | < 0.250 | 104 | 60-145 | 20 |
| Vinyl chloride | 4.90 | 0.250 | " | 5.00 | < 0.250 | 98.0 | 50-145 | 20 |
| Xylenes (total) | 16.0 | 1.00 | " | 15.0 | < 1.00 | 107 | 75-125 | 20 |
| Surrogate: 1,2-Dichloroethane-d4 | 3.76 | | " | 4.00 | | 94.0 | 70-120 | |
| Surrogate: 4-Bromofluorobenzene | 4.14 | | " | 4.00 | | 104 | 75-120 | |
| Surrogate: Dibromofluoromethane | 3.96 | | " | 4.00 | | 99.0 | 85-115 | |
| Surrogate: Toluene-d8 | 4.06 | | " | 4.00 | | 102 | 85-120 | |

| Matrix Spike Dup (1100162-MSD1) | Source: 1104027-04 | | | Prepared: 04/26/11 Analyzed: 04/28/11 | | | | |
|---------------------------------|--------------------|-------|------|---------------------------------------|---------|-----|--------|-------|
| 1,1,1,2-Tetrachloroethane | 5.79 | 0.250 | ug/L | 5.00 | < 0.250 | 116 | 80-130 | 11.9 |
| 1,1,1-Trichloroethane | 5.89 | 0.250 | " | 5.00 | < 0.250 | 118 | 65-130 | 8.68 |
| 1,1,2,2-Tetrachloroethane | 9.31 | 0.250 | " | 5.00 | < 0.250 | 186 | 65-130 | 30.7 |
| 1,1,2-Trichloroethane | 5.33 | 0.250 | " | 5.00 | < 0.250 | 107 | 75-125 | 2.47 |
| 1,1-Dichloroethane | 5.14 | 0.250 | " | 5.00 | < 0.250 | 103 | 70-135 | 0.978 |
| 1,1-Dichloroethene | 5.27 | 0.250 | " | 5.00 | < 0.250 | 105 | 70-130 | 0.762 |
| 1,1-Dichloropropene | 6.26 | 0.250 | " | 5.00 | < 0.250 | 125 | 75-130 | 1.12 |
| 1,2,3-Trichlorobenzene | 6.07 | 0.250 | " | 5.00 | < 0.250 | 121 | 55-140 | 5.41 |
| 1,2,3-Trichloropropane | 5.13 | 0.250 | " | 5.00 | < 0.250 | 103 | 75-125 | 0.583 |
| 1,2,4-Trichlorobenzene | 6.26 | 0.250 | " | 5.00 | < 0.250 | 125 | 65-135 | 0.480 |
| 1,2,4-Trimethylbenzene | 5.42 | 0.250 | " | 5.00 | < 0.250 | 108 | 75-130 | 1.30 |
| 1,2-Dibromo-3-chloropropane | 7.49 | 0.250 | " | 5.00 | < 0.250 | 150 | 50-130 | 30.5 |
| 1,2-Dibromoethane (EDB) | 5.68 | 0.250 | " | 5.00 | < 0.250 | 114 | 80-120 | 5.98 |
| 1,2-Dichlorobenzene | 5.49 | 0.250 | " | 5.00 | < 0.250 | 110 | 70-120 | 1.65 |
| 1,2-Dichloroethane | 5.10 | 0.250 | " | 5.00 | < 0.250 | 102 | 70-130 | 2.38 |
| 1,2-Dichloropropane | 5.37 | 0.250 | " | 5.00 | < 0.250 | 107 | 75-125 | 2.57 |
| 1,3,5-Trimethylbenzene | 5.41 | 0.250 | " | 5.00 | < 0.250 | 108 | 75-130 | 1.30 |
| 1,3-Dichlorobenzene | 5.56 | 0.250 | " | 5.00 | < 0.250 | 111 | 75-125 | 0.722 |
| 1,3-Dichloropropane | 5.40 | 0.250 | " | 5.00 | < 0.250 | 108 | 75-125 | 0.370 |
| 1,3-Dimethyl adamantan | 5.93 | 0.250 | " | 5.00 | < 0.250 | 119 | 70-130 | 3.08 |
| 1,4-Dichlorobenzene | 5.05 | 0.250 | " | 5.00 | < 0.250 | 101 | 75-125 | 0.198 |
| 2,2-Dichloropropane | 9.80 | 0.250 | " | 5.00 | < 0.250 | 196 | 70-135 | 29.2 |
| 2-Butanone | 5.73 | 0.500 | " | 5.00 | < 0.500 | 115 | 30-150 | 0.876 |
| 2-Chlorotoluene | 6.12 | 0.250 | " | 5.00 | < 0.250 | 122 | 75-125 | 1.14 |
| 2-Hexanone | 5.90 | 0.250 | " | 5.00 | < 0.250 | 118 | 55-130 | 5.93 |
| 4-Chlorotoluene | 6.23 | 0.250 | " | 5.00 | < 0.250 | 125 | 75-130 | 1.59 |
| 4-Methyl-2-pentanone | 5.54 | 0.250 | " | 5.00 | < 0.250 | 111 | 60-135 | 2.01 |

Volatile Organic Compounds by EPA Method 8260B - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---|--------|--------------------|-------|-------------|--------------------|--------------------|-------------|-------|-----------|
| Batch 1100162 - Default Prep VOC | | | | | | | | | |
| Matrix Spike Dup (1100162-MSD1) | | | | | | | | | |
| | | Source: 1104027-04 | | | Prepared: 04/26/11 | Analyzed: 04/28/11 | | | |
| Acetone | 5.25 | 1.00 | ug/L | 5.00 | < 1.00 | 105 | 40-140 | 3.92 | 20 |
| Acrylonitrile | 5.30 | 0.250 | " | 5.00 | < 0.250 | 106 | 50-130 | 0.189 | 20 |
| Adamantane | 5.57 | 0.250 | " | 5.00 | < 0.250 | 111 | 70-130 | 0.902 | 20 |
| Allyl chloride | 5.98 | 0.250 | " | 5.00 | < 0.250 | 120 | 50-130 | 2.03 | 20 |
| Benzene | 5.31 | 0.250 | " | 5.00 | < 0.250 | 106 | 80-120 | 0.188 | 20 |
| Bromobenzene | 5.50 | 0.250 | " | 5.00 | < 0.250 | 110 | 75-125 | 0.00 | 20 |
| Bromoform | 5.40 | 0.250 | " | 5.00 | < 0.250 | 108 | 65-130 | 5.13 | 20 |
| Bromochloromethane | 5.23 | 0.250 | " | 5.00 | < 0.250 | 105 | 75-120 | 1.33 | 20 |
| Bromodichloromethane | 5.48 | 0.250 | " | 5.00 | < 0.250 | 110 | 70-130 | 4.86 | 20 |
| Bromoform | 5.56 | 0.250 | " | 5.00 | < 0.250 | 111 | 30-145 | 8.83 | 20 |
| Carbon disulfide | 4.73 | 0.250 | " | 5.00 | < 0.250 | 94.6 | 35-160 | 3.94 | 20 |
| Carbon tetrachloride | 5.55 | 0.250 | " | 5.00 | < 0.250 | 111 | 65-140 | 7.87 | 20 |
| Chlorobenzene | 5.37 | 0.250 | " | 5.00 | < 0.250 | 107 | 80-120 | 1.50 | 20 |
| Chlorodibromomethane | 5.26 | 0.250 | " | 5.00 | < 0.250 | 105 | 60-135 | 3.68 | 20 |
| Chloroethane | 5.33 | 0.250 | " | 5.00 | < 0.250 | 107 | 60-135 | 0.943 | 20 |
| Chloroform | 5.12 | 0.250 | " | 5.00 | < 0.250 | 102 | 65-135 | 3.17 | 20 |
| Chloromethane | 4.48 | 0.250 | " | 5.00 | < 0.250 | 89.6 | 40-125 | 4.37 | 20 |
| cis-1,2-Dichloroethene | 5.72 | 0.250 | " | 5.00 | < 0.250 | 114 | 70-125 | 1.41 | 20 |
| cis-1,3-Dichloropropene | 5.51 | 0.250 | " | 5.00 | < 0.250 | 110 | 70-130 | 5.21 | 20 |
| Dibromomethane | 5.21 | 0.250 | " | 5.00 | < 0.250 | 104 | 75-125 | 3.91 | 20 |
| Ethyl Ether | 5.61 | 0.250 | " | 5.00 | < 0.250 | 112 | 50-130 | 0.533 | 20 |
| Ethylbenzene | 5.27 | 0.250 | " | 5.00 | < 0.250 | 105 | 75-125 | 3.28 | 20 |
| Hexachlorobutadiene | 5.84 | 0.250 | " | 5.00 | < 0.250 | 117 | 50-140 | 6.36 | 20 |
| Hexachloroethane | 6.85 | 0.250 | " | 5.00 | < 0.250 | 137 | 50-130 | 11.3 | 20 |
| Iodomethane | 5.65 | 0.250 | " | 5.00 | < 0.250 | 113 | 50-130 | 5.08 | 20 |
| Isopropylbenzene | 5.81 | 0.250 | " | 5.00 | < 0.250 | 116 | 75-125 | 4.22 | 20 |
| m,p-Xylene | 10.8 | 0.500 | " | 10.0 | < 0.500 | 108 | 75-125 | 3.95 | 20 |
| Methacrylonitrile | 5.07 | 0.250 | " | 5.00 | < 0.250 | 101 | 50-130 | 1.37 | 20 |
| Methyl Acrylate | 5.62 | 0.250 | " | 5.00 | < 0.250 | 112 | 50-130 | 1.94 | 20 |
| Methyl tert-Butyl Ether | 6.11 | 0.250 | " | 5.00 | < 0.250 | 122 | 65-125 | 2.49 | 20 |
| Methylene chloride | 5.29 | 0.250 | " | 5.00 | < 0.250 | 106 | 55-140 | 1.52 | 20 |
| Naphthalene | 6.00 | 0.250 | " | 5.00 | < 0.250 | 120 | 55-140 | 0.837 | 20 |
| n-Butyl Benzene | 5.64 | 0.250 | " | 5.00 | < 0.250 | 113 | 70-135 | 2.88 | 20 |
| n-Propyl Benzene | 6.43 | 0.250 | " | 5.00 | < 0.250 | 129 | 70-130 | 0.155 | 20 |
| o-Xylene | 5.68 | 0.250 | " | 5.00 | < 0.250 | 114 | 80-125 | 2.32 | 20 |
| p-Isopropyltoluene | 5.51 | 0.250 | " | 5.00 | < 0.250 | 110 | 75-130 | 2.20 | 20 |
| sec-Butylbenzene | 5.50 | 0.250 | " | 5.00 | < 0.250 | 110 | 70-125 | 0.364 | 20 |
| Styrene | 5.43 | 0.250 | " | 5.00 | < 0.250 | 109 | 65-135 | 0.734 | 20 |
| tert-Butylbenzene | 5.78 | 0.250 | " | 5.00 | < 0.250 | 116 | 70-130 | 6.06 | 20 |
| Tetrachloroethene | 3.98 | 0.250 | " | 5.00 | < 0.250 | 79.6 | 45-150 | 18.1 | 20 |
| Toluene | 5.71 | 0.250 | " | 5.00 | 0.540 | 103 | 75-120 | 10.3 | 20 |
| trans-1,2-Dichloroethene | 5.48 | 0.250 | " | 5.00 | < 0.250 | 110 | 60-140 | 1.84 | 20 |
| trans-1,3-Dichloropropene | 5.59 | 0.250 | " | 5.00 | < 0.250 | 112 | 55-140 | 8.19 | 20 |
| Trichloroethene | 4.77 | 0.250 | " | 5.00 | < 0.250 | 95.4 | 70-125 | 4.31 | 20 |
| Trichlorofluoromethane | 5.46 | 0.250 | " | 5.00 | < 0.250 | 109 | 60-145 | 5.07 | 20 |
| Vinyl chloride | 5.17 | 0.250 | " | 5.00 | < 0.250 | 103 | 50-145 | 5.36 | 20 |
| Xylenes (total) | 16.5 | 1.00 | " | 15.0 | < 1.00 | 110 | 75-125 | 3.08 | 20 |
| Surrogate: 1,2-Dichloroethane-d4 | 3.88 | " | | 4.00 | | 97.0 | 70-120 | | |
| Surrogate: 4-Bromofluorobenzene | 3.91 | " | | 4.00 | | 97.8 | 75-120 | | |
| Surrogate: Dibromofluoromethane | 4.20 | " | | 4.00 | | 105 | 85-115 | | |
| Surrogate: Toluene-d8 | 4.10 | " | | 4.00 | | 102 | 85-120 | | |

Volatile Organic Compounds by EPA Method 8260B - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|

Batch 1100162 - Default Prep VOC

| Reference (1100162-SRM1) | Prepared & Analyzed: 04/26/11 | | | | | |
|-----------------------------|-------------------------------|-------|------|------|------|--------|
| 1,1,1,2-Tetrachloroethane | < 0.250 | 0.250 | ug/L | 0.00 | | 0-130 |
| 1,1,1-Trichloroethane | 27.8 | 2.50 | " | 30.3 | 91.7 | 70-130 |
| 1,1,2,2-Tetrachloroethane | < 0.250 | 0.250 | " | 0.00 | | 0-130 |
| 1,1,2-Trichloroethane | < 0.250 | 0.250 | " | 0.00 | | 0-130 |
| 1,1-Dichloroethane | < 0.250 | 0.250 | " | 0.00 | | 0-200 |
| 1,1-Dichloroethene | 32.0 | 2.50 | " | 33.2 | 96.4 | 70-130 |
| 1,2,3-Trichloropropane | < 0.250 | 0.250 | " | 0.00 | | 0-130 |
| 1,2,4-Trichlorobenzene | 131 | 2.50 | " | 104 | 126 | 70-130 |
| 1,2-Dibromo-3-chloropropane | < 0.250 | 0.250 | " | 0.00 | | 0-200 |
| 1,2-Dibromoethane (EDB) | < 0.250 | 0.250 | " | 0.00 | | 0-200 |
| 1,2-Dichlorobenzene | < 0.250 | 0.250 | " | 0.00 | | 70-130 |
| 1,2-Dichloroethane | 69.5 | 2.50 | " | 74.5 | 93.3 | 70-130 |
| 1,2-Dichloropropane | < 0.250 | 0.250 | " | 0.00 | | 0-130 |
| 1,3,5-Trimethylbenzene | < 0.250 | 0.250 | " | 0.00 | | 0-130 |
| 1,3-Dichlorobenzene | 64.2 | 2.50 | " | 70.0 | 91.7 | 70-130 |
| 1,3-Dichloropropane | < 0.250 | 0.250 | " | 0.00 | | 0-130 |
| 1,4-Dichlorobenzene | 63.4 | 2.50 | " | 65.5 | 96.8 | 70-130 |
| 2-Butanone | < 0.500 | 0.500 | " | 0.00 | | 0-200 |
| 2-Chlorotoluene | < 0.250 | 0.250 | " | 0.00 | | 0-130 |
| 2-Hexanone | 104 | 2.50 | " | 117 | 89.2 | 70-200 |
| 4-Chlorotoluene | < 0.250 | 0.250 | " | 0.00 | | 0-130 |
| 4-Methyl-2-pentanone | < 0.250 | 0.250 | " | 0.00 | | 0-200 |
| Acetone | 44.3 | 10.0 | " | 83.8 | 52.9 | 50-150 |
| Acrylonitrile | < 0.250 | 0.250 | " | 0.00 | | 0-130 |
| Benzene | 23.3 | 2.50 | " | 25.6 | 91.0 | 70-130 |
| Bromobenzene | < 0.250 | 0.250 | " | 0.00 | | 0-130 |
| Bromochloromethane | < 0.250 | 0.250 | " | 0.00 | | 0-130 |
| Bromodichloromethane | 75.7 | 2.50 | " | 77.8 | 97.3 | 70-130 |
| Bromoform | 52.6 | 2.50 | " | 56.0 | 93.9 | 70-130 |
| Bromomethane | 24.5 | 2.50 | " | 21.6 | 113 | 70-130 |
| Carbon disulfide | < 0.250 | 0.250 | " | 0.00 | | 0-200 |
| Carbon tetrachloride | 22.9 | 2.50 | " | 26.5 | 86.4 | 70-130 |
| Chlorobenzene | 81.8 | 2.50 | " | 82.6 | 99.0 | 70-130 |
| Chlorodibromomethane | 19.0 | 2.50 | " | 21.9 | 86.8 | 70-130 |
| Chloroethane | < 0.250 | 0.250 | " | 0.00 | | 0-130 |
| Chloroform | 61.8 | 2.50 | " | 67.8 | 91.2 | 70-130 |
| Chloromethane | < 0.250 | 0.250 | " | 0.00 | | 0-200 |
| cis-1,2-Dichloroethene | 27.9 | 2.50 | " | 26.6 | 105 | 70-130 |
| cis-1,3-Dichloropropene | 24.3 | 2.50 | " | 29.7 | 81.8 | 70-130 |
| Dibromomethane | 65.5 | 2.50 | " | 70.7 | 92.6 | 70-130 |
| Ethylbenzene | 14.9 | 2.50 | " | 17.9 | 83.2 | 70-130 |
| Hexachlorobutadiene | 59.6 | 2.50 | " | 61.8 | 96.4 | 70-130 |
| Isopropylbenzene | < 0.250 | 0.250 | " | 0.00 | | 0-130 |
| Methyl tert-Butyl Ether | 21.5 | 2.50 | " | 21.5 | 100 | 70-130 |
| Methylene chloride | 13.4 | 2.50 | " | 13.8 | 97.1 | 70-130 |
| Naphthalene | < 0.250 | 0.250 | " | 0.00 | | 0-130 |
| p-Isopropyltoluene | < 0.250 | 0.250 | " | 0.00 | | 0-130 |
| sec-Butylbenzene | < 0.250 | 0.250 | " | 0.00 | | 0-130 |
| Styrene | 36.2 | 2.50 | " | 45.3 | 79.9 | 70-130 |
| Tetrachloroethene | 23.4 | 2.50 | " | 51.0 | 45.9 | 70-130 |
| Toluene | 26.1 | 2.50 | " | 27.4 | 95.3 | 70-130 |
| trans-1,2-Dichloroethene | < 0.250 | 0.250 | " | 0.00 | | 0-130 |
| trans-1,3-Dichloropropene | < 0.250 | 0.250 | " | 0.00 | | 0-130 |
| Trichloroethene | 30.7 | 2.50 | " | 38.8 | 79.1 | 70-130 |

Volatile Organic Compounds by EPA Method 8260B - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|

Batch 1100162 - Default Prep VOC

| Reference (1100162-SRM1) | Prepared & Analyzed: 04/26/11 | | | | | |
|----------------------------------|-------------------------------|-------|------|------|-------|--------|
| Trichlorofluoromethane | < 0.250 | 0.250 | ug/L | 0.00 | 0-200 | |
| Vinyl chloride | 28.1 | 2.50 | " | 22.2 | 127 | 70-130 |
| Surrogate: 1,2-Dichloroethane-d4 | 3.75 | | " | 4.00 | 93.8 | 70-120 |
| Surrogate: 4-Bromofluorobenzene | 3.95 | | " | 4.00 | 98.8 | 75-120 |
| Surrogate: Dibromofluoromethane | 3.99 | | " | 4.00 | 99.8 | 85-115 |
| Surrogate: Toluene-d8 | 3.91 | | " | 4.00 | 97.8 | 85-120 |

HOLDING BLANK (1104024-09)

| | Prepared: 04/26/11 Analyzed: 04/27/11 | | | | |
|-----------------------------|---------------------------------------|-------|------|--|--|
| 1,1,1,2-Tetrachloroethane | < 0.250 | 0.250 | ug/L | | |
| 1,1,1-Trichloroethane | < 0.250 | 0.250 | " | | |
| 1,1,2,2-Tetrachloroethane | < 0.250 | 0.250 | " | | |
| 1,1,2-Trichloroethane | < 0.250 | 0.250 | " | | |
| 1,1-Dichloroethane | < 0.250 | 0.250 | " | | |
| 1,1-Dichloroethene | < 0.250 | 0.250 | " | | |
| 1,1-Dichloropropene | < 0.250 | 0.250 | " | | |
| 1,2,3-Trichlorobenzene | < 0.250 | 0.250 | " | | |
| 1,2,3-Trichloropropane | < 0.250 | 0.250 | " | | |
| 1,2,4-Trichlorobenzene | < 0.250 | 0.250 | " | | |
| 1,2,4-Trimethylbenzene | < 0.250 | 0.250 | " | | |
| 1,2-Dibromo-3-chloropropane | < 0.250 | 0.250 | " | | |
| 1,2-Dibromoethane (EDB) | < 0.250 | 0.250 | " | | |
| 1,2-Dichlorobenzene | < 0.250 | 0.250 | " | | |
| 1,2-Dichloroethane | < 0.250 | 0.250 | " | | |
| 1,2-Dichloropropane | < 0.250 | 0.250 | " | | |
| 1,3,5-Trimethylbenzene | < 0.250 | 0.250 | " | | |
| 1,3-Dichlorobenzene | < 0.250 | 0.250 | " | | |
| 1,3-Dichloropropane | < 0.250 | 0.250 | " | | |
| 1,3-Dimethyl adamantine | < 0.250 | 0.250 | " | | |
| 1,4-Dichlorobenzene | < 0.250 | 0.250 | " | | |
| 2,2-Dichloropropane | < 0.250 | 0.250 | " | | |
| 2-Butanone | < 0.500 | 0.500 | " | | |
| 2-Chlorotoluene | < 0.250 | 0.250 | " | | |
| 2-Hexanone | < 0.250 | 0.250 | " | | |
| 4-Chlorotoluene | < 0.250 | 0.250 | " | | |
| 4-Methyl-2-pentanone | < 0.250 | 0.250 | " | | |
| Acetone | < 1.00 | 1.00 | " | | |
| Acrylonitrile | < 0.250 | 0.250 | " | | |
| Adamantane | < 0.250 | 0.250 | " | | |
| Allyl chloride | < 0.250 | 0.250 | " | | |
| Benzene | < 0.250 | 0.250 | " | | |
| Bromobenzene | < 0.250 | 0.250 | " | | |
| Bromochloromethane | < 0.250 | 0.250 | " | | |
| Bromodichloromethane | < 0.250 | 0.250 | " | | |
| Bromoform | < 0.250 | 0.250 | " | | |
| Bromomethane | < 0.250 | 0.250 | " | | |
| Carbon disulfide | < 0.250 | 0.250 | " | | |
| Carbon tetrachloride | < 0.250 | 0.250 | " | | |
| Chlorobenzene | < 0.250 | 0.250 | " | | |
| Chlorodibromomethane | < 0.250 | 0.250 | " | | |
| Chloroethane | < 0.250 | 0.250 | " | | |
| Chloroform | < 0.250 | 0.250 | " | | |
| Chloromethane | < 0.250 | 0.250 | " | | |
| cis-1,2-Dichloroethene | < 0.250 | 0.250 | " | | |

Volatile Organic Compounds by EPA Method 8260B - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---|---------|-----------------|-------|-------------|---------------|--------|-------------|-----|-----------|
| Batch 1100162 - Default Prep VOC | | | | | | | | | |
| HOLDING BLANK (1104024-09) | | | | | | | | | |
| cis-1,3-Dichloropropene | < 0.250 | 0.250 | ug/L | | | | | | |
| Dibromomethane | < 0.250 | 0.250 | " | | | | | | |
| Ethyl Ether | < 0.250 | 0.250 | " | | | | | | |
| Ethylbenzene | < 0.250 | 0.250 | " | | | | | | |
| Hexachlorobutadiene | < 0.250 | 0.250 | " | | | | | | |
| Hexachloroethane | < 0.250 | 0.250 | " | | | | | | |
| Iodomethane | < 0.250 | 0.250 | " | | | | | | |
| Isopropylbenzene | < 0.250 | 0.250 | " | | | | | | |
| m,p-Xylene | < 0.500 | 0.500 | " | | | | | | |
| Methacrylonitrile | < 0.250 | 0.250 | " | | | | | | |
| Methyl Acrylate | < 0.250 | 0.250 | " | | | | | | |
| Methyl tert-Butyl Ether | < 0.250 | 0.250 | " | | | | | | |
| Methylene chloride | < 0.250 | 0.250 | " | | | | | | |
| Naphthalene | < 0.250 | 0.250 | " | | | | | | |
| n-Butyl Benzene | < 0.250 | 0.250 | " | | | | | | |
| n-Propyl Benzene | < 0.250 | 0.250 | " | | | | | | |
| o-Xylene | < 0.250 | 0.250 | " | | | | | | |
| p-Isopropyltoluene | < 0.250 | 0.250 | " | | | | | | |
| sec-Butylbenzene | < 0.250 | 0.250 | " | | | | | | |
| Styrene | < 0.250 | 0.250 | " | | | | | | |
| tert-Butylbenzene | < 0.250 | 0.250 | " | | | | | | |
| Tetrachloroethene | < 0.250 | 0.250 | " | | | | | | |
| Toluene | < 0.250 | 0.250 | " | | | | | | |
| trans-1,2-Dichloroethene | < 0.250 | 0.250 | " | | | | | | |
| trans-1,3-Dichloropropene | < 0.250 | 0.250 | " | | | | | | |
| Trichloroethene | < 0.250 | 0.250 | " | | | | | | |
| Trichlorofluoromethane | < 0.250 | 0.250 | " | | | | | | |
| Vinyl chloride | < 0.250 | 0.250 | " | | | | | | |
| Xylenes (total) | < 1.00 | 1.00 | " | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 4.16 | " | 4.00 | | 104 | 70-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 4.71 | " | 4.00 | | 118 | 75-120 | | | |
| Surrogate: Dibromofluoromethane | 4.20 | " | 4.00 | | 105 | 85-115 | | | |
| Surrogate: Toluene-d8 | 3.88 | " | 4.00 | | 97.0 | 85-120 | | | |

Volatile Organic Compounds by EPA Method 8260B - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|

Batch 1100162 - Default Prep VOC

Holding Blank (1104027-08)

Prepared: 04/26/11 Analyzed: 04/27/11

| | | | |
|-----------------------------|---------|-------|------|
| 1,1,1,2-Tetrachloroethane | < 0.250 | 0.250 | ug/L |
| 1,1,1-Trichloroethane | < 0.250 | 0.250 | " |
| 1,1,2,2-Tetrachloroethane | < 0.250 | 0.250 | " |
| 1,1,2-Trichloroethane | < 0.250 | 0.250 | " |
| 1,1-Dichloroethane | < 0.250 | 0.250 | " |
| 1,1-Dichloroethene | < 0.250 | 0.250 | " |
| 1,1-Dichloropropene | < 0.250 | 0.250 | " |
| 1,2,3-Trichlorobenzene | < 0.250 | 0.250 | " |
| 1,2,3-Trichloropropane | < 0.250 | 0.250 | " |
| 1,2,4-Trichlorobenzene | < 0.250 | 0.250 | " |
| 1,2,4-Trimethylbenzene | < 0.250 | 0.250 | " |
| 1,2-Dibromo-3-chloropropane | < 0.250 | 0.250 | " |
| 1,2-Dibromoethane (EDB) | < 0.250 | 0.250 | " |
| 1,2-Dichlorobenzene | < 0.250 | 0.250 | " |
| 1,2-Dichloroethane | < 0.250 | 0.250 | " |
| 1,2-Dichloropropane | < 0.250 | 0.250 | " |
| 1,3,5-Trimethylbenzene | < 0.250 | 0.250 | " |
| 1,3-Dichlorobenzene | < 0.250 | 0.250 | " |
| 1,3-Dichloropropane | < 0.250 | 0.250 | " |
| 1,3-Dimethyl adamantine | < 0.250 | 0.250 | " |
| 1,4-Dichlorobenzene | < 0.250 | 0.250 | " |
| 2,2-Dichloropropane | < 0.250 | 0.250 | " |
| 2-Butanone | < 0.500 | 0.500 | " |
| 2-Chlorotoluene | < 0.250 | 0.250 | " |
| 2-Hexanone | < 0.250 | 0.250 | " |
| 4-Chlorotoluene | < 0.250 | 0.250 | " |
| 4-Methyl-2-pentanone | < 0.250 | 0.250 | " |
| Acetone | < 1.00 | 1.00 | " |
| Acrylonitrile | < 0.250 | 0.250 | " |
| Adamantane | < 0.250 | 0.250 | " |
| Allyl chloride | < 0.250 | 0.250 | " |
| Benzene | < 0.250 | 0.250 | " |
| Bromobenzene | < 0.250 | 0.250 | " |
| Bromochloromethane | < 0.250 | 0.250 | " |
| Bromodichloromethane | < 0.250 | 0.250 | " |
| Bromoform | < 0.250 | 0.250 | " |
| Bromomethane | < 0.250 | 0.250 | " |
| Carbon disulfide | < 0.250 | 0.250 | " |
| Carbon tetrachloride | < 0.250 | 0.250 | " |
| Chlorobenzene | < 0.250 | 0.250 | " |
| Chlorodibromomethane | < 0.250 | 0.250 | " |
| Chloroethane | < 0.250 | 0.250 | " |
| Chloroform | < 0.250 | 0.250 | " |
| Chloromethane | < 0.250 | 0.250 | " |
| cis-1,2-Dichloroethene | < 0.250 | 0.250 | " |
| cis-1,3-Dichloropropene | < 0.250 | 0.250 | " |
| Dibromomethane | < 0.250 | 0.250 | " |
| Ethyl Ether | < 0.250 | 0.250 | " |
| Ethylbenzene | < 0.250 | 0.250 | " |
| Hexachlorobutadiene | < 0.250 | 0.250 | " |
| Hexachloroethane | < 0.250 | 0.250 | " |
| Iodomethane | < 0.250 | 0.250 | " |
| Isopropylbenzene | < 0.250 | 0.250 | " |
| m,p-Xylene | < 0.500 | 0.500 | " |

Volatile Organic Compounds by EPA Method 8260B - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|

Batch 1100162 - Default Prep VOC

Holding Blank (1104027-08)

Prepared: 04/26/11 Analyzed: 04/27/11

| | | | | | | | | | |
|----------------------------------|---------|-------|------|--|------|--------|--|--|--|
| Methacrylonitrile | < 0.250 | 0.250 | ug/L | | | | | | |
| Methyl Acrylate | < 0.250 | 0.250 | " | | | | | | |
| Methyl tert-Butyl Ether | < 0.250 | 0.250 | " | | | | | | |
| Methylene chloride | 1.50 | 0.250 | " | | | | | | |
| Naphthalene | < 0.250 | 0.250 | " | | | | | | |
| n-Butyl Benzene | < 0.250 | 0.250 | " | | | | | | |
| n-Propyl Benzene | < 0.250 | 0.250 | " | | | | | | |
| o-Xylene | < 0.250 | 0.250 | " | | | | | | |
| p-Isopropyltoluene | < 0.250 | 0.250 | " | | | | | | |
| sec-Butylbenzene | < 0.250 | 0.250 | " | | | | | | |
| Styrene | < 0.250 | 0.250 | " | | | | | | |
| tert-Butylbenzene | < 0.250 | 0.250 | " | | | | | | |
| Tetrachloroethene | < 0.250 | 0.250 | " | | | | | | |
| Toluene | < 0.250 | 0.250 | " | | | | | | |
| trans-1,2-Dichloroethene | < 0.250 | 0.250 | " | | | | | | |
| trans-1,3-Dichloropropene | < 0.250 | 0.250 | " | | | | | | |
| Trichloroethene | < 0.250 | 0.250 | " | | | | | | |
| Trichlorofluoromethane | < 0.250 | 0.250 | " | | | | | | |
| Vinyl chloride | < 0.250 | 0.250 | " | | | | | | |
| Xylenes (total) | < 1.00 | 1.00 | " | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 4.26 | " | 4.00 | | 106 | 70-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 4.68 | " | 4.00 | | 117 | 75-120 | | | |
| Surrogate: Dibromofluoromethane | 4.28 | " | 4.00 | | 107 | 85-115 | | | |
| Surrogate: Toluene-d8 | 3.87 | " | 4.00 | | 96.8 | 85-120 | | | |

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|

Batch 1100175 - 3520C

Method Blank (1100175-BLK1)

Prepared: 04/20/11 Analyzed: 04/22/11

| | | | |
|-----------------------------|---------|-------|------|
| 1,2,4-Trichlorobenzene | < 0.500 | 0.500 | ug/L |
| 1,2-Dichlorobenzene | < 0.500 | 0.500 | " |
| 1,2-Dinitrobenzene | < 0.500 | 0.500 | " |
| 1,3-Dichlorobenzene | < 0.500 | 0.500 | " |
| 1,3-Dinitrobenzene | < 0.500 | 0.500 | " |
| 1,4-Dichlorobenzene | < 0.500 | 0.500 | " |
| 1,4-Dinitrobenzene | < 0.500 | 0.500 | " |
| 1-Methylnaphthalene | < 0.500 | 0.500 | " |
| 2,3,4,6-Tetrachlorophenol | < 0.500 | 0.500 | " |
| 2,3,5,6-Tetrachlorophenol | < 0.500 | 0.500 | " |
| 2,4,5-Trichlorophenol | < 0.500 | 0.500 | " |
| 2,4,6-Trichlorophenol | < 0.500 | 0.500 | " |
| 2,4-Dichlorophenol | < 0.500 | 0.500 | " |
| 2,4-Dimethylphenol | < 0.500 | 0.500 | " |
| 2,4-Dinitrophenol | < 2.00 | 2.00 | " |
| 2,4-Dinitrotoluene | < 0.500 | 0.500 | " |
| 2,6-Dinitrotoluene | < 0.500 | 0.500 | " |
| 2-Chloronaphthalene | < 0.500 | 0.500 | " |
| 2-Chlorophenol | < 0.500 | 0.500 | " |
| 2-Methylnaphthalene | < 0.500 | 0.500 | " |
| 2-Methylphenol | < 0.500 | 0.500 | " |
| 2-Nitroaniline | < 0.500 | 0.500 | " |
| 2-Nitrophenol | < 0.500 | 0.500 | " |
| 3 & 4-Methylphenol | < 0.500 | 0.500 | " |
| 3,3'-Dichlorobenzidine | < 0.500 | 0.500 | " |
| 3-Nitroaniline | < 0.500 | 0.500 | " |
| 4,6-Dinitro-2-methylphenol | < 0.500 | 0.500 | " |
| 4-Bromophenyl phenyl ether | < 0.500 | 0.500 | " |
| 4-Chloro-3-methylphenol | < 0.500 | 0.500 | " |
| 4-Chloroaniline | < 1.00 | 1.00 | " |
| 4-Chlorophenyl phenyl ether | < 0.500 | 0.500 | " |
| 4-Nitroaniline | < 0.500 | 0.500 | " |
| 4-Nitrophenol | < 0.500 | 0.500 | " |
| Acenaphthene | < 0.500 | 0.500 | " |
| Acenaphthylene | < 0.500 | 0.500 | " |
| Aniline | < 1.00 | 1.00 | " |
| Anthracene | < 0.500 | 0.500 | " |
| Azobenzene | < 0.500 | 0.500 | " |
| Benzo (a) anthracene | < 0.500 | 0.500 | " |
| Benzo (a) pyrene | < 0.500 | 0.500 | " |
| Benzo (b) fluoranthene | < 0.500 | 0.500 | " |
| Benzo (g,h,i) perylene | < 0.500 | 0.500 | " |
| Benzo (k) fluoranthene | < 0.500 | 0.500 | " |
| Benzoic acid | < 1.00 | 1.00 | " |
| Benzyl alcohol | < 0.500 | 0.500 | " |
| Bis(2-chloroethoxy)methane | < 0.500 | 0.500 | " |
| Bis(2-chloroethyl)ether | < 0.500 | 0.500 | " |
| Bis(2-chloroisopropyl)ether | < 0.500 | 0.500 | " |
| Bis-(2-Ethylhexyl) Adipate | < 1.00 | 1.00 | " |
| Bis(2-ethylhexyl)phthalate | < 1.00 | 1.00 | " |
| Butyl benzyl phthalate | < 0.500 | 0.500 | " |
| Carbazole | < 0.500 | 0.500 | " |
| Chrysene | < 0.500 | 0.500 | " |
| Dibenz (a,h) anthracene | < 0.500 | 0.500 | " |

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------------------------------------|---------|-----------------|-------|-------------|---------------|--------|-------------|-----|-----------|
| Batch 1100175 - 3520C | | | | | | | | | |
| Method Blank (1100175-BLK1) | | | | | | | | | |
| Prepared: 04/20/11 Analyzed: 04/22/11 | | | | | | | | | |
| | | | | | | | | | |
| Dibenzofuran | < 0.500 | 0.500 | ug/L | | | | | | |
| Diethyl phthalate | < 0.500 | 0.500 | " | | | | | | |
| Dimethyl phthalate | < 0.500 | 0.500 | " | | | | | | |
| Di-n-butyl phthalate | < 0.500 | 0.500 | " | | | | | | |
| Di-n-octyl phthalate | < 0.500 | 0.500 | " | | | | | | |
| Diphenylamine | < 0.500 | 0.500 | " | | | | | | |
| Fluoranthene | < 0.500 | 0.500 | " | | | | | | |
| Fluorene | < 0.500 | 0.500 | " | | | | | | |
| Hexachlorobenzene | < 0.500 | 0.500 | " | | | | | | |
| Hexachlorobutadiene | < 0.500 | 0.500 | " | | | | | | |
| Hexachlorocyclopentadiene | < 0.500 | 0.500 | " | | | | | | |
| Hexachloroethane | < 0.500 | 0.500 | " | | | | | | |
| Indeno (1,2,3-cd) pyrene | < 0.500 | 0.500 | " | | | | | | |
| Isophorone | < 0.500 | 0.500 | " | | | | | | |
| Naphthalene | < 0.500 | 0.500 | " | | | | | | |
| Nitrobenzene | < 0.500 | 0.500 | " | | | | | | |
| N-Nitrosodimethylamine | < 0.500 | 0.500 | " | | | | | | |
| N-Nitrosodi-n-propylamine | < 0.500 | 0.500 | " | | | | | | |
| Pentachlorophenol | < 0.500 | 0.500 | " | | | | | | |
| Phenanthrene | < 0.500 | 0.500 | " | | | | | | |
| Phenol | < 0.500 | 0.500 | " | | | | | | |
| Pyrene | < 0.500 | 0.500 | " | | | | | | |
| Pyridine | < 0.500 | 0.500 | " | | | | | | |
| Surrogate: 2,4,6-Tribromophenol | 4.55 | " | 5.00 | | 91.0 | 40-130 | | | |
| Surrogate: 2-Fluorobiphenyl | 4.43 | " | 5.00 | | 88.6 | 50-130 | | | |
| Surrogate: 2-Fluorophenol | 4.54 | " | 5.00 | | 90.8 | 50-130 | | | |
| Surrogate: Nitrobenzene-d5 | 4.45 | " | 5.00 | | 89.0 | 40-130 | | | |
| Surrogate: Phenol-d6 | 4.51 | " | 5.00 | | 90.2 | 50-130 | | | |
| Surrogate: Terphenyl-d14 | 5.13 | " | 5.00 | | 103 | 50-130 | | | |

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---|--------|-----------------|-------|-------------|---------------|--------|-------------|-----|-----------|
| Batch 1100175 - 3520C | | | | | | | | | |
| Method Blank Spike (1100175-BS1) | | | | | | | | | |
| Prepared: 04/20/11 Analyzed: 04/21/11 | | | | | | | | | |
| | | | | | | | | | |
| 1,2,4-Trichlorobenzene | 3.72 | 0.500 | ug/L | 5.00 | 74.4 | 35-105 | | 20 | |
| 1,2-Dichlorobenzene | 3.68 | 0.500 | " | 5.00 | 73.6 | 35-100 | | 20 | |
| 1,2-Dinitrobenzene | 4.01 | 0.500 | " | 5.00 | 80.2 | 45-110 | | 20 | |
| 1,3-Dichlorobenzene | 3.70 | 0.500 | " | 5.00 | 74.0 | 30-100 | | 20 | |
| 1,3-Dinitrobenzene | 4.02 | 0.500 | " | 5.00 | 80.4 | 45-110 | | 20 | |
| 1,4-Dichlorobenzene | 3.67 | 0.500 | " | 5.00 | 73.4 | 30-100 | | 20 | |
| 1,4-Dinitrobenzene | 4.07 | 0.500 | " | 5.00 | 81.4 | 45-110 | | 20 | |
| 1-Methylnaphthalene | 3.84 | 0.500 | " | 5.00 | 76.8 | 45-105 | | 20 | |
| 2,3,4,6-Tetrachlorophenol | 4.17 | 0.500 | " | 5.00 | 83.4 | 50-110 | | 20 | |
| 2,3,5,6-Tetrachlorophenol | 4.35 | 0.500 | " | 5.00 | 87.0 | 50-110 | | 20 | |
| 2,4,5-Trichlorophenol | 4.32 | 0.500 | " | 5.00 | 86.4 | 50-110 | | 20 | |
| 2,4,6-Trichlorophenol | 4.26 | 0.500 | " | 5.00 | 85.2 | 50-115 | | 20 | |
| 2,4-Dichlorophenol | 3.95 | 0.500 | " | 5.00 | 79.0 | 50-105 | | 20 | |
| 2,4-Dimethylphenol | 3.71 | 0.500 | " | 5.00 | 74.2 | 30-110 | | 20 | |
| 2,4-Dinitrophenol | 4.00 | 2.00 | " | 5.00 | 80.0 | 15-140 | | 20 | |
| 2,4-Dinitrotoluene | 4.05 | 0.500 | " | 5.00 | 81.0 | 50-120 | | 20 | |
| 2,6-Dinitrotoluene | 4.04 | 0.500 | " | 5.00 | 80.8 | 50-115 | | 20 | |
| 2-Chloronaphthalene | 3.88 | 0.500 | " | 5.00 | 77.6 | 50-105 | | 20 | |
| 2-Chlorophenol | 3.85 | 0.500 | " | 5.00 | 77.0 | 35-105 | | 20 | |
| 2-Methylnaphthalene | 3.89 | 0.500 | " | 5.00 | 77.8 | 45-105 | | 20 | |
| 2-Methylphenol | 4.06 | 0.500 | " | 5.00 | 81.2 | 40-110 | | 20 | |
| 2-Nitroaniline | 4.03 | 0.500 | " | 5.00 | 80.6 | 50-115 | | 20 | |
| 2-Nitrophenol | 3.90 | 0.500 | " | 5.00 | 78.0 | 40-115 | | 20 | |
| 3 & 4-Methylphenol | 7.82 | 0.500 | " | 10.0 | 78.2 | 30-110 | | 20 | |
| 3,3'-Dichlorobenzidine | 3.18 | 0.500 | " | 5.00 | 63.6 | 20-110 | | 20 | |
| 3-Nitroaniline | 5.95 | 0.500 | " | 5.00 | 119 | 20-125 | | 20 | |
| 4,6-Dinitro-2-methylphenol | 4.28 | 0.500 | " | 5.00 | 85.6 | 40-130 | | 20 | |
| 4-Bromophenyl phenyl ether | 4.15 | 0.500 | " | 5.00 | 83.0 | 50-115 | | 20 | |
| 4-Chloro-3-methylphenol | 4.86 | 0.500 | " | 5.00 | 97.2 | 45-110 | | 20 | |
| 4-Chloroaniline | 7.29 | 1.00 | " | 5.00 | 146 | 15-110 | | 20 | |
| 4-Chlorophenyl phenyl ether | 3.95 | 0.500 | " | 5.00 | 79.0 | 50-110 | | 20 | |
| 4-Nitroaniline | 4.14 | 0.500 | " | 5.00 | 82.8 | 35-120 | | 20 | |
| 4-Nitrophenol | 3.51 | 0.500 | " | 5.00 | 70.2 | 0-125 | | 20 | |
| Acenaphthene | 3.85 | 0.500 | " | 5.00 | 77.0 | 45-110 | | 20 | |
| Acenaphthylene | 3.97 | 0.500 | " | 5.00 | 79.4 | 50-105 | | 20 | |
| Aniline | 1.47 | 1.00 | " | 5.00 | 29.4 | 20-110 | | 20 | |
| Anthracene | 4.13 | 0.500 | " | 5.00 | 82.6 | 55-110 | | 20 | |
| Azobenzene | 3.89 | 0.500 | " | 5.00 | 77.8 | 50-115 | | 20 | |
| Benzo (a) anthracene | 4.04 | 0.500 | " | 5.00 | 80.8 | 55-110 | | 20 | |
| Benzo (a) pyrene | 3.75 | 0.500 | " | 5.00 | 75.0 | 55-110 | | 20 | |
| Benzo (b) fluoranthene | 3.79 | 0.500 | " | 5.00 | 75.8 | 45-120 | | 20 | |
| Benzo (g,h,i) perylene | 3.94 | 0.500 | " | 5.00 | 78.8 | 40-125 | | 20 | |
| Benzo (k) fluoranthene | 3.77 | 0.500 | " | 5.00 | 75.4 | 45-125 | | 20 | |
| Benzoic acid | 3.22 | 1.00 | " | 5.00 | 64.4 | 20-115 | | 20 | |
| Benzyl alcohol | 3.38 | 0.500 | " | 5.00 | 67.6 | 50-150 | | 20 | |
| Bis(2-chloroethoxy)methane | 3.89 | 0.500 | " | 5.00 | 77.8 | 45-105 | | 20 | |
| Bis(2-chloroethyl)ether | 3.89 | 0.500 | " | 5.00 | 77.8 | 35-110 | | 20 | |
| Bis(2-chloroisopropyl)ether | 3.91 | 0.500 | " | 5.00 | 78.2 | 25-130 | | 20 | |
| Bis-(2-Ethylhexyl) Adipate | 4.57 | 1.00 | " | 5.00 | 91.4 | 40-125 | | 20 | |
| Bis(2-ethylhexyl)phthalate | 4.23 | 1.00 | " | 5.00 | 84.6 | 40-125 | | 20 | |
| Butyl benzyl phthalate | 4.17 | 0.500 | " | 5.00 | 83.4 | 45-115 | | 20 | |
| Carbazole | 3.93 | 0.500 | " | 5.00 | 78.6 | 50-115 | | 20 | |
| Chrysene | 4.01 | 0.500 | " | 5.00 | 80.2 | 55-110 | | 20 | |
| Dibenz (a,h) anthracene | 3.93 | 0.500 | " | 5.00 | 78.6 | 40-125 | | 20 | |

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---|---------|-----------------|-------|-------------|---------------|--------|-------------|-----|-----------|
| Batch 1100175 - 3520C | | | | | | | | | |
| Method Blank Spike (1100175-BS1) | | | | | | | | | |
| Prepared: 04/20/11 Analyzed: 04/21/11 | | | | | | | | | |
| Dibenzofuran | 3.91 | 0.500 | ug/L | 5.00 | 78.2 | 55-105 | | 20 | |
| Diethyl phthalate | 4.21 | 0.500 | " | 5.00 | 84.2 | 40-120 | | 20 | |
| Dimethyl phthalate | 4.16 | 0.500 | " | 5.00 | 83.2 | 25-125 | | 20 | |
| Di-n-butyl phthalate | 4.03 | 0.500 | " | 5.00 | 80.6 | 55-115 | | 20 | |
| Di-n-octyl phthalate | 3.95 | 0.500 | " | 5.00 | 79.0 | 35-135 | | 20 | |
| Diphenylamine | 3.75 | 0.500 | " | 5.00 | 75.0 | 55-115 | | 20 | |
| Fluoranthene | 4.23 | 0.500 | " | 5.00 | 84.6 | 55-115 | | 20 | |
| Fluorene | 4.02 | 0.500 | " | 5.00 | 80.4 | 50-110 | | 20 | |
| Hexachlorobenzene | 4.01 | 0.500 | " | 5.00 | 80.2 | 50-110 | | 20 | |
| Hexachlorobutadiene | 3.72 | 0.500 | " | 5.00 | 74.4 | 25-105 | | 20 | |
| Hexachlorocyclopentadiene | 1.92 | 0.500 | " | 5.00 | 38.4 | 30-95 | | 20 | |
| Hexachloroethane | 3.68 | 0.500 | " | 5.00 | 73.6 | 30-95 | | 20 | |
| Indeno (1,2,3-cd) pyrene | 3.94 | 0.500 | " | 5.00 | 78.8 | 45-125 | | 20 | |
| Isophorone | 4.12 | 0.500 | " | 5.00 | 82.4 | 50-110 | | 20 | |
| Naphthalene | 3.79 | 0.500 | " | 5.00 | 75.8 | 40-100 | | 20 | |
| Nitrobenzene | 3.90 | 0.500 | " | 5.00 | 78.0 | 45-110 | | 20 | |
| N-Nitrosodimethylamine | 3.80 | 0.500 | " | 5.00 | 76.0 | 25-110 | | | |
| N-Nitrosodi-n-propylamine | 3.83 | 0.500 | " | 5.00 | 76.6 | 35-130 | | 20 | |
| Pentachlorophenol | 5.17 | 0.500 | " | 5.00 | 103 | 40-115 | | 20 | |
| Phenanthrene | 3.95 | 0.500 | " | 5.00 | 79.0 | 50-115 | | 20 | |
| Phenol | 4.01 | 0.500 | " | 5.00 | 80.2 | 20-115 | | 20 | |
| Pyrene | 4.17 | 0.500 | " | 5.00 | 83.4 | 50-130 | | 20 | |
| Pyridine | < 0.500 | 0.500 | " | 5.00 | | 0-150 | | | |
| Surrogate: 2,4,6-Tribromophenol | 4.75 | " | 5.00 | | 95.0 | 40-125 | | | |
| Surrogate: 2-Fluorobiphenyl | 4.02 | " | 5.00 | | 80.4 | 50-110 | | | |
| Surrogate: 2-Fluorophenol | 4.05 | " | 5.00 | | 81.0 | 50-130 | | | |
| Surrogate: Nitrobenzene-d5 | 4.13 | " | 5.00 | | 82.6 | 40-110 | | | |
| Surrogate: Phenol-d6 | 4.22 | " | 5.00 | | 84.4 | 50-130 | | | |
| Surrogate: Terphenyl-d14 | 4.46 | " | 5.00 | | 89.2 | 50-135 | | | |

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|

Batch 1100194 - 3520C

Method Blank (1100194-BLK1)

Prepared: 04/21/11 Analyzed: 05/03/11

| | | | |
|-----------------------------|---------|-------|------|
| 1,2,4-Trichlorobenzene | < 0.500 | 0.500 | ug/L |
| 1,2-Dichlorobenzene | < 0.500 | 0.500 | " |
| 1,2-Dinitrobenzene | < 0.500 | 0.500 | " |
| 1,3-Dichlorobenzene | < 0.500 | 0.500 | " |
| 1,3-Dinitrobenzene | < 0.500 | 0.500 | " |
| 1,4-Dichlorobenzene | < 0.500 | 0.500 | " |
| 1,4-Dinitrobenzene | < 0.500 | 0.500 | " |
| 1-Methylnaphthalene | < 0.500 | 0.500 | " |
| 2,3,4,6-Tetrachlorophenol | < 0.500 | 0.500 | " |
| 2,3,5,6-Tetrachlorophenol | < 0.500 | 0.500 | " |
| 2,4,5-Trichlorophenol | < 0.500 | 0.500 | " |
| 2,4,6-Trichlorophenol | < 0.500 | 0.500 | " |
| 2,4-Dichlorophenol | < 0.500 | 0.500 | " |
| 2,4-Dimethylphenol | < 0.500 | 0.500 | " |
| 2,4-Dinitrophenol | < 2.00 | 2.00 | " |
| 2,4-Dinitrotoluene | < 0.500 | 0.500 | " |
| 2,6-Dinitrotoluene | < 0.500 | 0.500 | " |
| 2-Chloronaphthalene | < 0.500 | 0.500 | " |
| 2-Chlorophenol | < 0.500 | 0.500 | " |
| 2-Methylnaphthalene | < 0.500 | 0.500 | " |
| 2-Methylphenol | < 0.500 | 0.500 | " |
| 2-Nitroaniline | < 0.500 | 0.500 | " |
| 2-Nitrophenol | < 0.500 | 0.500 | " |
| 3 & 4-Methylphenol | < 0.500 | 0.500 | " |
| 3,3'-Dichlorobenzidine | < 0.500 | 0.500 | " |
| 3-Nitroaniline | < 0.500 | 0.500 | " |
| 4,6-Dinitro-2-methylphenol | < 0.500 | 0.500 | " |
| 4-Bromophenyl phenyl ether | < 0.500 | 0.500 | " |
| 4-Chloro-3-methylphenol | < 0.500 | 0.500 | " |
| 4-Chloroaniline | < 1.00 | 1.00 | " |
| 4-Chlorophenyl phenyl ether | < 0.500 | 0.500 | " |
| 4-Nitroaniline | < 0.500 | 0.500 | " |
| 4-Nitrophenol | < 0.500 | 0.500 | " |
| Acenaphthene | < 0.500 | 0.500 | " |
| Acenaphthylene | < 0.500 | 0.500 | " |
| Aniline | < 1.00 | 1.00 | " |
| Anthracene | < 0.500 | 0.500 | " |
| Azobenzene | < 0.500 | 0.500 | " |
| Benzo (a) anthracene | < 0.500 | 0.500 | " |
| Benzo (a) pyrene | < 0.500 | 0.500 | " |
| Benzo (b) fluoranthene | < 0.500 | 0.500 | " |
| Benzo (g,h,i) perylene | < 0.500 | 0.500 | " |
| Benzo (k) fluoranthene | < 0.500 | 0.500 | " |
| Benzoic acid | < 1.00 | 1.00 | " |
| Benzyl alcohol | < 0.500 | 0.500 | " |
| Bis(2-chloroethoxy)methane | < 0.500 | 0.500 | " |
| Bis(2-chloroethyl)ether | < 0.500 | 0.500 | " |
| Bis(2-chloroisopropyl)ether | < 0.500 | 0.500 | " |
| Bis-(2-Ethylhexyl) Adipate | < 1.00 | 1.00 | " |
| Bis(2-ethylhexyl)phthalate | < 1.00 | 1.00 | " |
| Butyl benzyl phthalate | < 0.500 | 0.500 | " |
| Carbazole | < 0.500 | 0.500 | " |
| Chrysene | < 0.500 | 0.500 | " |
| Dibenz (a,h) anthracene | < 0.500 | 0.500 | " |

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------------------------------------|---------|-----------------|-------|-------------|---------------|--------|-------------|-----|-----------|
| Batch 1100194 - 3520C | | | | | | | | | |
| Method Blank (1100194-BLK1) | | | | | | | | | |
| Prepared: 04/21/11 Analyzed: 05/03/11 | | | | | | | | | |
| Dibenzofuran | < 0.500 | 0.500 | ug/L | | | | | | |
| Diethyl phthalate | < 0.500 | 0.500 | " | | | | | | |
| Dimethyl phthalate | < 0.500 | 0.500 | " | | | | | | |
| Di-n-butyl phthalate | < 0.500 | 0.500 | " | | | | | | |
| Di-n-octyl phthalate | < 0.500 | 0.500 | " | | | | | | |
| Diphenylamine | < 0.500 | 0.500 | " | | | | | | |
| Fluoranthene | < 0.500 | 0.500 | " | | | | | | |
| Fluorene | < 0.500 | 0.500 | " | | | | | | |
| Hexachlorobenzene | < 0.500 | 0.500 | " | | | | | | |
| Hexachlorobutadiene | < 0.500 | 0.500 | " | | | | | | |
| Hexachlorocyclopentadiene | < 0.500 | 0.500 | " | | | | | | |
| Hexachloroethane | < 0.500 | 0.500 | " | | | | | | |
| Indeno (1,2,3-cd) pyrene | < 0.500 | 0.500 | " | | | | | | |
| Isophorone | < 0.500 | 0.500 | " | | | | | | |
| Naphthalene | < 0.500 | 0.500 | " | | | | | | |
| Nitrobenzene | < 0.500 | 0.500 | " | | | | | | |
| N-Nitrosodimethylamine | < 0.500 | 0.500 | " | | | | | | |
| N-Nitrosodi-n-propylamine | < 0.500 | 0.500 | " | | | | | | |
| Pentachlorophenol | < 0.500 | 0.500 | " | | | | | | |
| Phenanthrene | < 0.500 | 0.500 | " | | | | | | |
| Phenol | < 0.500 | 0.500 | " | | | | | | |
| Pyrene | < 0.500 | 0.500 | " | | | | | | |
| Pyridine | < 0.500 | 0.500 | " | | | | | | |
| Surrogate: 2,4,6-Tribromophenol | 4.11 | " | 5.00 | | 82.2 | 40-130 | | | |
| Surrogate: 2-Fluorobiphenyl | 4.03 | " | 5.00 | | 80.6 | 50-130 | | | |
| Surrogate: 2-Fluorophenol | 4.43 | " | 5.00 | | 88.6 | 50-130 | | | |
| Surrogate: Nitrobenzene-d5 | 4.15 | " | 5.00 | | 83.0 | 40-130 | | | |
| Surrogate: Phenol-d6 | 4.38 | " | 5.00 | | 87.6 | 50-130 | | | |
| Surrogate: Terphenyl-d14 | 4.51 | " | 5.00 | | 90.2 | 50-130 | | | |

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---|--------|-----------------|-------|-------------|---------------|--------|-------------|-----|-----------|
| Batch 1100194 - 3520C | | | | | | | | | |
| Method Blank Spike (1100194-BS1) | | | | | | | | | |
| Prepared: 04/21/11 Analyzed: 05/02/11 | | | | | | | | | |
| | | | | | | | | | |
| 1,2,4-Trichlorobenzene | 4.56 | 0.500 | ug/L | 5.00 | 91.2 | 35-105 | | 20 | |
| 1,2-Dichlorobenzene | 4.54 | 0.500 | " | 5.00 | 90.8 | 35-100 | | 20 | |
| 1,2-Dinitrobenzene | 5.03 | 0.500 | " | 5.00 | 101 | 45-110 | | 20 | |
| 1,3-Dichlorobenzene | 4.48 | 0.500 | " | 5.00 | 89.6 | 30-100 | | 20 | |
| 1,3-Dinitrobenzene | 4.97 | 0.500 | " | 5.00 | 99.4 | 45-110 | | 20 | |
| 1,4-Dichlorobenzene | 4.51 | 0.500 | " | 5.00 | 90.2 | 30-100 | | 20 | |
| 1,4-Dinitrobenzene | 4.97 | 0.500 | " | 5.00 | 99.4 | 45-110 | | 20 | |
| 1-Methylnaphthalene | 4.66 | 0.500 | " | 5.00 | 93.2 | 45-105 | | 20 | |
| 2,3,4,6-Tetrachlorophenol | 4.95 | 0.500 | " | 5.00 | 99.0 | 50-110 | | 20 | |
| 2,3,5,6-Tetrachlorophenol | 4.95 | 0.500 | " | 5.00 | 99.0 | 50-110 | | 20 | |
| 2,4,5-Trichlorophenol | 4.66 | 0.500 | " | 5.00 | 93.2 | 50-110 | | 20 | |
| 2,4,6-Trichlorophenol | 4.81 | 0.500 | " | 5.00 | 96.2 | 50-115 | | 20 | |
| 2,4-Dichlorophenol | 4.48 | 0.500 | " | 5.00 | 89.6 | 50-105 | | 20 | |
| 2,4-Dimethylphenol | 2.47 | 0.500 | " | 5.00 | 49.4 | 30-110 | | 20 | |
| 2,4-Dinitrophenol | 5.37 | 2.00 | " | 5.00 | 107 | 15-140 | | 20 | |
| 2,4-Dinitrotoluene | 5.03 | 0.500 | " | 5.00 | 101 | 50-120 | | 20 | |
| 2,6-Dinitrotoluene | 4.99 | 0.500 | " | 5.00 | 99.8 | 50-115 | | 20 | |
| 2-Chloronaphthalene | 4.77 | 0.500 | " | 5.00 | 95.4 | 50-105 | | 20 | |
| 2-Chlorophenol | 4.57 | 0.500 | " | 5.00 | 91.4 | 35-105 | | 20 | |
| 2-Methylnaphthalene | 4.70 | 0.500 | " | 5.00 | 94.0 | 45-105 | | 20 | |
| 2-Methylphenol | 4.49 | 0.500 | " | 5.00 | 89.8 | 40-110 | | 20 | |
| 2-Nitroaniline | 4.97 | 0.500 | " | 5.00 | 99.4 | 50-115 | | 20 | |
| 2-Nitrophenol | 4.41 | 0.500 | " | 5.00 | 88.2 | 40-115 | | 20 | |
| 3 & 4-Methylphenol | 8.93 | 0.500 | " | 10.0 | 89.3 | 30-110 | | 20 | |
| 3,3'-Dichlorobenzidine | 4.36 | 0.500 | " | 5.00 | 87.2 | 20-110 | | 20 | |
| 3-Nitroaniline | 5.68 | 0.500 | " | 5.00 | 114 | 20-125 | | 20 | |
| 4,6-Dinitro-2-methylphenol | 5.38 | 0.500 | " | 5.00 | 108 | 40-130 | | 20 | |
| 4-Bromophenyl phenyl ether | 5.28 | 0.500 | " | 5.00 | 106 | 50-115 | | 20 | |
| 4-Chloro-3-methylphenol | 4.72 | 0.500 | " | 5.00 | 94.4 | 45-110 | | 20 | |
| 4-Chloroaniline | 8.63 | 1.00 | " | 5.00 | 173 | 15-110 | | 20 | |
| 4-Chlorophenyl phenyl ether | 5.05 | 0.500 | " | 5.00 | 101 | 50-110 | | 20 | |
| 4-Nitroaniline | 4.73 | 0.500 | " | 5.00 | 94.6 | 35-120 | | 20 | |
| 4-Nitrophenol | 4.89 | 0.500 | " | 5.00 | 97.8 | 0-125 | | 20 | |
| Acenaphthene | 4.78 | 0.500 | " | 5.00 | 95.6 | 45-110 | | 20 | |
| Acenaphthylene | 4.89 | 0.500 | " | 5.00 | 97.8 | 50-105 | | 20 | |
| Aniline | 4.80 | 1.00 | " | 5.00 | 96.0 | 20-110 | | 20 | |
| Anthracene | 5.26 | 0.500 | " | 5.00 | 105 | 55-110 | | 20 | |
| Azobenzene | 5.23 | 0.500 | " | 5.00 | 105 | 50-115 | | 20 | |
| Benzo (a) anthracene | 5.28 | 0.500 | " | 5.00 | 106 | 55-110 | | 20 | |
| Benzo (a) pyrene | 4.91 | 0.500 | " | 5.00 | 98.2 | 55-110 | | 20 | |
| Benzo (b) fluoranthene | 5.00 | 0.500 | " | 5.00 | 100 | 45-120 | | 20 | |
| Benzo (g,h,i) perylene | 5.27 | 0.500 | " | 5.00 | 105 | 40-125 | | 20 | |
| Benzo (k) fluoranthene | 5.10 | 0.500 | " | 5.00 | 102 | 45-125 | | 20 | |
| Benzoic acid | 4.34 | 1.00 | " | 5.00 | 86.8 | 20-115 | | 20 | |
| Benzyl alcohol | 3.88 | 0.500 | " | 5.00 | 77.6 | 50-150 | | 20 | |
| Bis(2-chloroethoxy)methane | 4.99 | 0.500 | " | 5.00 | 99.8 | 45-105 | | 20 | |
| Bis(2-chloroethyl)ether | 4.59 | 0.500 | " | 5.00 | 91.8 | 35-110 | | 20 | |
| Bis(2-chloroisopropyl)ether | 4.41 | 0.500 | " | 5.00 | 88.2 | 25-130 | | 20 | |
| Bis-(2-Ethylhexyl) Adipate | 5.39 | 1.00 | " | 5.00 | 108 | 40-125 | | 20 | |
| Bis(2-ethylhexyl)phthalate | 5.57 | 1.00 | " | 5.00 | 111 | 40-125 | | 20 | |
| Butyl benzyl phthalate | 5.30 | 0.500 | " | 5.00 | 106 | 45-115 | | 20 | |
| Carbazole | 5.37 | 0.500 | " | 5.00 | 107 | 50-115 | | 20 | |
| Chrysene | 5.42 | 0.500 | " | 5.00 | 108 | 55-110 | | 20 | |
| Dibenz (a,h) anthracene | 5.16 | 0.500 | " | 5.00 | 103 | 40-125 | | 20 | |

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---|--------|-----------------|-------|-------------|---------------|--------|-------------|-----|-----------|
| Batch 1100194 - 3520C | | | | | | | | | |
| Method Blank Spike (1100194-BS1) | | | | | | | | | |
| Prepared: 04/21/11 Analyzed: 05/02/11 | | | | | | | | | |
| Dibenzofuran | 4.93 | 0.500 | ug/L | 5.00 | 98.6 | 55-105 | | 20 | |
| Diethyl phthalate | 5.41 | 0.500 | " | 5.00 | 108 | 40-120 | | 20 | |
| Dimethyl phthalate | 5.41 | 0.500 | " | 5.00 | 108 | 25-125 | | 20 | |
| Di-n-butyl phthalate | 5.24 | 0.500 | " | 5.00 | 105 | 55-115 | | 20 | |
| Di-n-octyl phthalate | 5.26 | 0.500 | " | 5.00 | 105 | 35-135 | | 20 | |
| Diphenylamine | 5.27 | 0.500 | " | 5.00 | 105 | 55-115 | | 20 | |
| Fluoranthene | 5.53 | 0.500 | " | 5.00 | 111 | 55-115 | | 20 | |
| Fluorene | 5.11 | 0.500 | " | 5.00 | 102 | 50-110 | | 20 | |
| Hexachlorobenzene | 5.14 | 0.500 | " | 5.00 | 103 | 50-110 | | 20 | |
| Hexachlorobutadiene | 4.52 | 0.500 | " | 5.00 | 90.4 | 25-105 | | 20 | |
| Hexachlorocyclopentadiene | 0.870 | 0.500 | " | 5.00 | 17.4 | 30-95 | | 20 | |
| Hexachloroethane | 4.63 | 0.500 | " | 5.00 | 92.6 | 30-95 | | 20 | |
| Indeno (1,2,3-cd) pyrene | 5.22 | 0.500 | " | 5.00 | 104 | 45-125 | | 20 | |
| Isophorone | 4.86 | 0.500 | " | 5.00 | 97.2 | 50-110 | | 20 | |
| Naphthalene | 4.54 | 0.500 | " | 5.00 | 90.8 | 40-100 | | 20 | |
| Nitrobenzene | 4.42 | 0.500 | " | 5.00 | 88.4 | 45-110 | | 20 | |
| N-Nitrosodimethylamine | 4.61 | 0.500 | " | 5.00 | 92.2 | 25-110 | | | |
| N-Nitrosodi-n-propylamine | 4.45 | 0.500 | " | 5.00 | 89.0 | 35-130 | | 20 | |
| Pentachlorophenol | 5.33 | 0.500 | " | 5.00 | 107 | 40-115 | | 20 | |
| Phenanthrene | 5.16 | 0.500 | " | 5.00 | 103 | 50-115 | | 20 | |
| Phenol | 4.56 | 0.500 | " | 5.00 | 91.2 | 20-115 | | 20 | |
| Pyrene | 5.55 | 0.500 | " | 5.00 | 111 | 50-130 | | 20 | |
| Pyridine | 1.91 | 0.500 | " | 5.00 | 38.2 | 0-150 | | | |
| Surrogate: 2,4,6-Tribromophenol | 5.13 | " | | 5.00 | 103 | 40-125 | | | |
| Surrogate: 2-Fluorobiphenyl | 4.64 | " | | 5.00 | 92.8 | 50-110 | | | |
| Surrogate: 2-Fluorophenol | 4.47 | " | | 5.00 | 89.4 | 50-130 | | | |
| Surrogate: Nitrobenzene-d5 | 4.59 | " | | 5.00 | 91.8 | 40-110 | | | |
| Surrogate: Phenol-d6 | 4.56 | " | | 5.00 | 91.2 | 50-130 | | | |
| Surrogate: Terphenyl-d14 | 5.13 | " | | 5.00 | 103 | 50-135 | | | |

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|

Batch 1100195 - 3520C

Method Blank (1100195-BLK1)

Prepared: 04/25/11 Analyzed: 05/03/11

| | | | | | | | | | |
|-----------------------------|---------|-------|------|--|--|--|--|--|--|
| 1,2,4-Trichlorobenzene | < 0.500 | 0.500 | ug/L | | | | | | |
| 1,2-Dichlorobenzene | < 0.500 | 0.500 | " | | | | | | |
| 1,2-Dinitrobenzene | < 0.500 | 0.500 | " | | | | | | |
| 1,3-Dichlorobenzene | < 0.500 | 0.500 | " | | | | | | |
| 1,3-Dinitrobenzene | < 0.500 | 0.500 | " | | | | | | |
| 1,4-Dichlorobenzene | < 0.500 | 0.500 | " | | | | | | |
| 1,4-Dinitrobenzene | < 0.500 | 0.500 | " | | | | | | |
| 1-Methylnaphthalene | < 0.500 | 0.500 | " | | | | | | |
| 2,3,4,6-Tetrachlorophenol | < 0.500 | 0.500 | " | | | | | | |
| 2,3,5,6-Tetrachlorophenol | < 0.500 | 0.500 | " | | | | | | |
| 2,4,5-Trichlorophenol | < 0.500 | 0.500 | " | | | | | | |
| 2,4,6-Trichlorophenol | < 0.500 | 0.500 | " | | | | | | |
| 2,4-Dichlorophenol | < 0.500 | 0.500 | " | | | | | | |
| 2,4-Dimethylphenol | < 0.500 | 0.500 | " | | | | | | |
| 2,4-Dinitrophenol | < 2.00 | 2.00 | " | | | | | | |
| 2,4-Dinitrotoluene | < 0.500 | 0.500 | " | | | | | | |
| 2,6-Dinitrotoluene | < 0.500 | 0.500 | " | | | | | | |
| 2-Chloronaphthalene | < 0.500 | 0.500 | " | | | | | | |
| 2-Chlorophenol | < 0.500 | 0.500 | " | | | | | | |
| 2-Methylnaphthalene | < 0.500 | 0.500 | " | | | | | | |
| 2-Methylphenol | < 0.500 | 0.500 | " | | | | | | |
| 2-Nitroaniline | < 0.500 | 0.500 | " | | | | | | |
| 2-Nitrophenol | < 0.500 | 0.500 | " | | | | | | |
| 3 & 4-Methylphenol | < 0.500 | 0.500 | " | | | | | | |
| 3,3'-Dichlorobenzidine | < 0.500 | 0.500 | " | | | | | | |
| 3-Nitroaniline | < 0.500 | 0.500 | " | | | | | | |
| 4,6-Dinitro-2-methylphenol | < 0.500 | 0.500 | " | | | | | | |
| 4-Bromophenyl phenyl ether | < 0.500 | 0.500 | " | | | | | | |
| 4-Chloro-3-methylphenol | < 0.500 | 0.500 | " | | | | | | |
| 4-Chloroaniline | < 1.00 | 1.00 | " | | | | | | |
| 4-Chlorophenyl phenyl ether | < 0.500 | 0.500 | " | | | | | | |
| 4-Nitroaniline | < 0.500 | 0.500 | " | | | | | | |
| 4-Nitrophenol | < 0.500 | 0.500 | " | | | | | | |
| Acenaphthene | < 0.500 | 0.500 | " | | | | | | |
| Acenaphthylene | < 0.500 | 0.500 | " | | | | | | |
| Aniline | < 1.00 | 1.00 | " | | | | | | |
| Anthracene | < 0.500 | 0.500 | " | | | | | | |
| Azobenzene | < 0.500 | 0.500 | " | | | | | | |
| Benzo (a) anthracene | < 0.500 | 0.500 | " | | | | | | |
| Benzo (a) pyrene | < 0.500 | 0.500 | " | | | | | | |
| Benzo (b) fluoranthene | < 0.500 | 0.500 | " | | | | | | |
| Benzo (g,h,i) perylene | < 0.500 | 0.500 | " | | | | | | |
| Benzo (k) fluoranthene | < 0.500 | 0.500 | " | | | | | | |
| Benzoic acid | < 1.00 | 1.00 | " | | | | | | |
| Benzyl alcohol | < 0.500 | 0.500 | " | | | | | | |
| Bis(2-chloroethoxy)methane | < 0.500 | 0.500 | " | | | | | | |
| Bis(2-chloroethyl)ether | < 0.500 | 0.500 | " | | | | | | |
| Bis(2-chloroisopropyl)ether | < 0.500 | 0.500 | " | | | | | | |
| Bis-(2-Ethylhexyl) Adipate | < 1.00 | 1.00 | " | | | | | | |
| Bis(2-ethylhexyl)phthalate | < 1.00 | 1.00 | " | | | | | | |
| Butyl benzyl phthalate | < 0.500 | 0.500 | " | | | | | | |
| Carbazole | < 0.500 | 0.500 | " | | | | | | |
| Chrysene | < 0.500 | 0.500 | " | | | | | | |
| Dibenz (a,h) anthracene | < 0.500 | 0.500 | " | | | | | | |

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------------------------------------|---------|-----------------|-------|-------------|---------------|--------|-------------|-----|-----------|
| Batch 1100195 - 3520C | | | | | | | | | |
| Method Blank (1100195-BLK1) | | | | | | | | | |
| Prepared: 04/25/11 Analyzed: 05/03/11 | | | | | | | | | |
| Dibenzofuran | < 0.500 | 0.500 | ug/L | | | | | | |
| Diethyl phthalate | < 0.500 | 0.500 | " | | | | | | |
| Dimethyl phthalate | < 0.500 | 0.500 | " | | | | | | |
| Di-n-butyl phthalate | < 0.500 | 0.500 | " | | | | | | |
| Di-n-octyl phthalate | < 0.500 | 0.500 | " | | | | | | |
| Diphenylamine | < 0.500 | 0.500 | " | | | | | | |
| Fluoranthene | < 0.500 | 0.500 | " | | | | | | |
| Fluorene | < 0.500 | 0.500 | " | | | | | | |
| Hexachlorobenzene | < 0.500 | 0.500 | " | | | | | | |
| Hexachlorobutadiene | < 0.500 | 0.500 | " | | | | | | |
| Hexachlorocyclopentadiene | < 0.500 | 0.500 | " | | | | | | |
| Hexachloroethane | < 0.500 | 0.500 | " | | | | | | |
| Indeno (1,2,3-cd) pyrene | < 0.500 | 0.500 | " | | | | | | |
| Isophorone | < 0.500 | 0.500 | " | | | | | | |
| Naphthalene | < 0.500 | 0.500 | " | | | | | | |
| Nitrobenzene | < 0.500 | 0.500 | " | | | | | | |
| N-Nitrosodimethylamine | < 0.500 | 0.500 | " | | | | | | |
| N-Nitrosodi-n-propylamine | < 0.500 | 0.500 | " | | | | | | |
| Pentachlorophenol | < 0.500 | 0.500 | " | | | | | | |
| Phenanthrene | < 0.500 | 0.500 | " | | | | | | |
| Phenol | < 0.500 | 0.500 | " | | | | | | |
| Pyrene | < 0.500 | 0.500 | " | | | | | | |
| Pyridine | < 0.500 | 0.500 | " | | | | | | |
| Surrogate: 2,4,6-Tribromophenol | 4.61 | " | 5.00 | | 92.2 | 40-130 | | | |
| Surrogate: 2-Fluorobiphenyl | 4.36 | " | 5.00 | | 87.2 | 50-130 | | | |
| Surrogate: 2-Fluorophenol | 4.54 | " | 5.00 | | 90.8 | 50-130 | | | |
| Surrogate: Nitrobenzene-d5 | 4.48 | " | 5.00 | | 89.6 | 40-130 | | | |
| Surrogate: Phenol-d6 | 4.49 | " | 5.00 | | 89.8 | 50-130 | | | |
| Surrogate: Terphenyl-d14 | 5.13 | " | 5.00 | | 103 | 50-130 | | | |

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---|--------|-----------------|-------|-------------|---------------|--------|-------------|-----|-----------|
| Batch 1100195 - 3520C | | | | | | | | | |
| Method Blank Spike (1100195-BS1) | | | | | | | | | |
| Prepared: 04/25/11 Analyzed: 05/02/11 | | | | | | | | | |
| | | | | | | | | | |
| 1,2,4-Trichlorobenzene | 3.79 | 0.500 | ug/L | 5.00 | 75.8 | 35-105 | | 20 | |
| 1,2-Dichlorobenzene | 3.82 | 0.500 | " | 5.00 | 76.4 | 35-100 | | 20 | |
| 1,2-Dinitrobenzene | 4.58 | 0.500 | " | 5.00 | 91.6 | 45-110 | | 20 | |
| 1,3-Dichlorobenzene | 3.71 | 0.500 | " | 5.00 | 74.2 | 30-100 | | 20 | |
| 1,3-Dinitrobenzene | 4.67 | 0.500 | " | 5.00 | 93.4 | 45-110 | | 20 | |
| 1,4-Dichlorobenzene | 3.74 | 0.500 | " | 5.00 | 74.8 | 30-100 | | 20 | |
| 1,4-Dinitrobenzene | 4.61 | 0.500 | " | 5.00 | 92.2 | 45-110 | | 20 | |
| 1-Methylnaphthalene | 4.03 | 0.500 | " | 5.00 | 80.6 | 45-105 | | 20 | |
| 2,3,4,6-Tetrachlorophenol | 4.57 | 0.500 | " | 5.00 | 91.4 | 50-110 | | 20 | |
| 2,3,5,6-Tetrachlorophenol | 4.65 | 0.500 | " | 5.00 | 93.0 | 50-110 | | 20 | |
| 2,4,5-Trichlorophenol | 4.66 | 0.500 | " | 5.00 | 93.2 | 50-110 | | 20 | |
| 2,4,6-Trichlorophenol | 4.64 | 0.500 | " | 5.00 | 92.8 | 50-115 | | 20 | |
| 2,4-Dichlorophenol | 4.50 | 0.500 | " | 5.00 | 90.0 | 50-105 | | 20 | |
| 2,4-Dimethylphenol | 3.83 | 0.500 | " | 5.00 | 76.6 | 30-110 | | 20 | |
| 2,4-Dinitrophenol | 5.13 | 2.00 | " | 5.00 | 103 | 15-140 | | 20 | |
| 2,4-Dinitrotoluene | 4.61 | 0.500 | " | 5.00 | 92.2 | 50-120 | | 20 | |
| 2,6-Dinitrotoluene | 4.57 | 0.500 | " | 5.00 | 91.4 | 50-115 | | 20 | |
| 2-Chloronaphthalene | 4.18 | 0.500 | " | 5.00 | 83.6 | 50-105 | | 20 | |
| 2-Chlorophenol | 4.71 | 0.500 | " | 5.00 | 94.2 | 35-105 | | 20 | |
| 2-Methylnaphthalene | 4.03 | 0.500 | " | 5.00 | 80.6 | 45-105 | | 20 | |
| 2-Methylphenol | 4.73 | 0.500 | " | 5.00 | 94.6 | 40-110 | | 20 | |
| 2-Nitroaniline | 4.67 | 0.500 | " | 5.00 | 93.4 | 50-115 | | 20 | |
| 2-Nitrophenol | 4.43 | 0.500 | " | 5.00 | 88.6 | 40-115 | | 20 | |
| 3 & 4-Methylphenol | 9.47 | 0.500 | " | 10.0 | 94.7 | 30-110 | | 20 | |
| 3,3'-Dichlorobenzidine | 3.53 | 0.500 | " | 5.00 | 70.6 | 20-110 | | 20 | |
| 3-Nitroaniline | 6.73 | 0.500 | " | 5.00 | 135 | 20-125 | | 20 | |
| 4,6-Dinitro-2-methylphenol | 4.87 | 0.500 | " | 5.00 | 97.4 | 40-130 | | 20 | |
| 4-Bromophenyl phenyl ether | 4.83 | 0.500 | " | 5.00 | 96.6 | 50-115 | | 20 | |
| 4-Chloro-3-methylphenol | 4.63 | 0.500 | " | 5.00 | 92.6 | 45-110 | | 20 | |
| 4-Chloroaniline | 11.4 | 1.00 | " | 5.00 | 227 | 15-110 | | 20 | |
| 4-Chlorophenyl phenyl ether | 4.56 | 0.500 | " | 5.00 | 91.2 | 50-110 | | 20 | |
| 4-Nitroaniline | 4.71 | 0.500 | " | 5.00 | 94.2 | 35-120 | | 20 | |
| 4-Nitrophenol | 4.25 | 0.500 | " | 5.00 | 85.0 | 0-125 | | 20 | |
| Acenaphthene | 4.29 | 0.500 | " | 5.00 | 85.8 | 45-110 | | 20 | |
| Acenaphthylene | 4.49 | 0.500 | " | 5.00 | 89.8 | 50-105 | | 20 | |
| Aniline | 1.80 | 1.00 | " | 5.00 | 36.0 | 20-110 | | 20 | |
| Anthracene | 4.77 | 0.500 | " | 5.00 | 95.4 | 55-110 | | 20 | |
| Azobenzene | 4.77 | 0.500 | " | 5.00 | 95.4 | 50-115 | | 20 | |
| Benzo (a) anthracene | 4.70 | 0.500 | " | 5.00 | 94.0 | 55-110 | | 20 | |
| Benzo (a) pyrene | 4.24 | 0.500 | " | 5.00 | 84.8 | 55-110 | | 20 | |
| Benzo (b) fluoranthene | 4.47 | 0.500 | " | 5.00 | 89.4 | 45-120 | | 20 | |
| Benzo (g,h,i) perylene | 4.58 | 0.500 | " | 5.00 | 91.6 | 40-125 | | 20 | |
| Benzo (k) fluoranthene | 4.52 | 0.500 | " | 5.00 | 90.4 | 45-125 | | 20 | |
| Benzoic acid | 3.62 | 1.00 | " | 5.00 | 72.4 | 20-115 | | 20 | |
| Benzyl alcohol | 4.12 | 0.500 | " | 5.00 | 82.4 | 50-150 | | 20 | |
| Bis(2-chloroethoxy)methane | 5.00 | 0.500 | " | 5.00 | 100 | 45-105 | | 20 | |
| Bis(2-chloroethyl)ether | 4.61 | 0.500 | " | 5.00 | 92.2 | 35-110 | | 20 | |
| Bis(2-chloroisopropyl)ether | 4.31 | 0.500 | " | 5.00 | 86.2 | 25-130 | | 20 | |
| Bis-(2-Ethylhexyl) Adipate | 6.09 | 1.00 | " | 5.00 | 122 | 40-125 | | 20 | |
| Bis(2-ethylhexyl)phthalate | 5.59 | 1.00 | " | 5.00 | 112 | 40-125 | | 20 | |
| Butyl benzyl phthalate | 4.74 | 0.500 | " | 5.00 | 94.8 | 45-115 | | 20 | |
| Carbazole | 4.98 | 0.500 | " | 5.00 | 99.6 | 50-115 | | 20 | |
| Chrysene | 4.82 | 0.500 | " | 5.00 | 96.4 | 55-110 | | 20 | |
| Dibenz (a,h) anthracene | 4.49 | 0.500 | " | 5.00 | 89.8 | 40-125 | | 20 | |

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---|---------|-----------------|-------|-------------|---------------|--------|-------------|-----|-----------|
| Batch 1100195 - 3520C | | | | | | | | | |
| Method Blank Spike (1100195-BS1) | | | | | | | | | |
| Prepared: 04/25/11 Analyzed: 05/02/11 | | | | | | | | | |
| Dibenzofuran | 4.47 | 0.500 | ug/L | 5.00 | 89.4 | 55-105 | | 20 | |
| Diethyl phthalate | 4.92 | 0.500 | " | 5.00 | 98.4 | 40-120 | | 20 | |
| Dimethyl phthalate | 5.05 | 0.500 | " | 5.00 | 101 | 25-125 | | 20 | |
| Di-n-butyl phthalate | 4.65 | 0.500 | " | 5.00 | 93.0 | 55-115 | | 20 | |
| Di-n-octyl phthalate | 4.63 | 0.500 | " | 5.00 | 92.6 | 35-135 | | 20 | |
| Diphenylamine | 4.77 | 0.500 | " | 5.00 | 95.4 | 55-115 | | 20 | |
| Fluoranthene | 5.00 | 0.500 | " | 5.00 | 100 | 55-115 | | 20 | |
| Fluorene | 4.66 | 0.500 | " | 5.00 | 93.2 | 50-110 | | 20 | |
| Hexachlorobenzene | 4.64 | 0.500 | " | 5.00 | 92.8 | 50-110 | | 20 | |
| Hexachlorobutadiene | 3.64 | 0.500 | " | 5.00 | 72.8 | 25-105 | | 20 | |
| Hexachlorocyclopentadiene | 1.62 | 0.500 | " | 5.00 | 32.4 | 30-95 | | 20 | |
| Hexachloroethane | 3.82 | 0.500 | " | 5.00 | 76.4 | 30-95 | | 20 | |
| Indeno (1,2,3-cd) pyrene | 4.54 | 0.500 | " | 5.00 | 90.8 | 45-125 | | 20 | |
| Isophorone | 4.83 | 0.500 | " | 5.00 | 96.6 | 50-110 | | 20 | |
| Naphthalene | 3.95 | 0.500 | " | 5.00 | 79.0 | 40-100 | | 20 | |
| Nitrobenzene | 4.38 | 0.500 | " | 5.00 | 87.6 | 45-110 | | 20 | |
| N-Nitrosodimethylamine | 4.49 | 0.500 | " | 5.00 | 89.8 | 25-110 | | | |
| N-Nitrosodi-n-propylamine | 4.52 | 0.500 | " | 5.00 | 90.4 | 35-130 | | 20 | |
| Pentachlorophenol | 4.99 | 0.500 | " | 5.00 | 99.8 | 40-115 | | 20 | |
| Phenanthrene | 4.68 | 0.500 | " | 5.00 | 93.6 | 50-115 | | 20 | |
| Phenol | 4.77 | 0.500 | " | 5.00 | 95.4 | 20-115 | | 20 | |
| Pyrene | 4.94 | 0.500 | " | 5.00 | 98.8 | 50-130 | | 20 | |
| Pyridine | < 0.500 | 0.500 | " | 5.00 | | 0-150 | | | |
| Surrogate: 2,4,6-Tribromophenol | 4.83 | " | | 5.00 | 96.6 | 40-125 | | | |
| Surrogate: 2-Fluorobiphenyl | 4.49 | " | | 5.00 | 89.8 | 50-110 | | | |
| Surrogate: 2-Fluorophenol | 4.56 | " | | 5.00 | 91.2 | 50-130 | | | |
| Surrogate: Nitrobenzene-d5 | 4.52 | " | | 5.00 | 90.4 | 40-110 | | | |
| Surrogate: Phenol-d6 | 4.61 | " | | 5.00 | 92.2 | 50-130 | | | |
| Surrogate: Terphenyl-d14 | 4.64 | " | | 5.00 | 92.8 | 50-135 | | | |

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|--|---------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
| Batch 1100195 - 3520C | | | | | | | | | |
| Matrix Spike (1100195-MS1) | | | | | | | | | |
| Source: 1104027-04 Prepared: 04/25/11 Analyzed: 05/02/11 | | | | | | | | | |
| 1,2,4-Trichlorobenzene | 4.46 | 0.500 | ug/L | 5.00 | < 0.500 | 89.2 | 35-105 | | 30 |
| 1,2-Dichlorobenzene | 4.51 | 0.500 | " | 5.00 | < 0.500 | 90.2 | 35-100 | | 30 |
| 1,2-Dinitrobenzene | 4.61 | 0.500 | " | 5.00 | < 0.500 | 92.2 | 45-110 | | 30 |
| 1,3-Dichlorobenzene | 4.47 | 0.500 | " | 5.00 | < 0.500 | 89.4 | 30-100 | | 30 |
| 1,3-Dinitrobenzene | 4.50 | 0.500 | " | 5.00 | < 0.500 | 90.0 | 45-110 | | 30 |
| 1,4-Dichlorobenzene | 4.47 | 0.500 | " | 5.00 | < 0.500 | 89.4 | 30-100 | | 30 |
| 1,4-Dinitrobenzene | 4.74 | 0.500 | " | 5.00 | < 0.500 | 94.8 | 45-110 | | 30 |
| 1-Methylnaphthalene | 5.17 | 0.500 | " | 5.00 | 0.410 | 95.2 | 45-105 | | 30 |
| 2,3,4,6-Tetrachlorophenol | 4.38 | 0.500 | " | 5.00 | < 0.500 | 87.6 | 50-110 | | 30 |
| 2,3,5,6-Tetrachlorophenol | 4.84 | 0.500 | " | 5.00 | < 0.500 | 96.8 | 50-110 | | 30 |
| 2,4,5-Trichlorophenol | 5.34 | 0.500 | " | 5.00 | < 0.500 | 107 | 50-110 | | 30 |
| 2,4,6-Trichlorophenol | 4.55 | 0.500 | " | 5.00 | < 0.500 | 91.0 | 50-115 | | 30 |
| 2,4-Dichlorophenol | 4.67 | 0.500 | " | 5.00 | < 0.500 | 93.4 | 50-105 | | 30 |
| 2,4-Dimethylphenol | 4.20 | 0.500 | " | 5.00 | < 0.500 | 84.0 | 30-110 | | 30 |
| 2,4-Dinitrophenol | 6.15 | 2.00 | " | 5.00 | < 2.00 | 123 | 15-140 | | 30 |
| 2,4-Dinitrotoluene | 4.63 | 0.500 | " | 5.00 | < 0.500 | 92.6 | 50-120 | | 30 |
| 2,6-Dinitrotoluene | 4.55 | 0.500 | " | 5.00 | < 0.500 | 91.0 | 50-115 | | 30 |
| 2-Chloronaphthalene | 4.70 | 0.500 | " | 5.00 | < 0.500 | 94.0 | 50-105 | | 30 |
| 2-Chlorophenol | 4.71 | 0.500 | " | 5.00 | < 0.500 | 94.2 | 35-105 | | 30 |
| 2-Methylnaphthalene | 5.01 | 0.500 | " | 5.00 | 0.320 | 93.8 | 45-105 | | 30 |
| 2-Methylphenol | 4.70 | 0.500 | " | 5.00 | < 0.500 | 94.0 | 40-110 | | 30 |
| 2-Nitroaniline | 4.71 | 0.500 | " | 5.00 | < 0.500 | 94.2 | 50-115 | | 30 |
| 2-Nitrophenol | 4.51 | 0.500 | " | 5.00 | < 0.500 | 90.2 | 40-115 | | 30 |
| 3 & 4-Methylphenol | 8.85 | 0.500 | " | 10.0 | < 0.500 | 88.5 | 30-110 | | 30 |
| 3,3'-Dichlorobenzidine | < 0.500 | 0.500 | " | 5.00 | < 0.500 | | 20-110 | | 30 |
| 3-Nitroaniline | 4.37 | 0.500 | " | 5.00 | < 0.500 | 87.4 | 20-125 | | 30 |
| 4,6-Dinitro-2-methylphenol | 5.35 | 0.500 | " | 5.00 | < 0.500 | 107 | 40-130 | | 30 |
| 4-Bromophenyl phenyl ether | 4.92 | 0.500 | " | 5.00 | < 0.500 | 98.4 | 50-115 | | 30 |
| 4-Chloro-3-methylphenol | 4.97 | 0.500 | " | 5.00 | < 0.500 | 99.4 | 45-110 | | 30 |
| 4-Chloroaniline | 7.02 | 1.00 | " | 5.00 | < 1.00 | 140 | 15-110 | | 30 |
| 4-Chlorophenyl phenyl ether | 4.85 | 0.500 | " | 5.00 | < 0.500 | 97.0 | 50-110 | | 30 |
| 4-Nitroaniline | 4.43 | 0.500 | " | 5.00 | < 0.500 | 88.6 | 35-120 | | 30 |
| 4-Nitrophenol | 6.15 | 0.500 | " | 5.00 | < 0.500 | 123 | 0-125 | | 30 |
| Acenaphthene | 4.90 | 0.500 | " | 5.00 | 0.150 | 95.0 | 45-110 | | 30 |
| Acenaphthylene | 4.73 | 0.500 | " | 5.00 | < 0.500 | 94.6 | 50-105 | | 30 |
| Aniline | 2.04 | 1.00 | " | 5.00 | < 1.00 | 40.8 | 20-150 | | 30 |
| Anthracene | 4.86 | 0.500 | " | 5.00 | < 0.500 | 97.2 | 55-110 | | 30 |
| Azobenzene | 4.90 | 0.500 | " | 5.00 | < 0.500 | 98.0 | 50-115 | | 30 |
| Benzo (a) anthracene | 4.79 | 0.500 | " | 5.00 | < 0.500 | 95.8 | 55-110 | | 30 |
| Benzo (a) pyrene | 4.20 | 0.500 | " | 5.00 | < 0.500 | 84.0 | 55-110 | | 30 |
| Benzo (b) fluoranthene | 4.56 | 0.500 | " | 5.00 | < 0.500 | 91.2 | 45-120 | | 30 |
| Benzo (g,h,i) perylene | 4.33 | 0.500 | " | 5.00 | < 0.500 | 86.6 | 40-125 | | 30 |
| Benzo (k) fluoranthene | 4.54 | 0.500 | " | 5.00 | < 0.500 | 90.8 | 45-125 | | 30 |
| Benzoic acid | 10.6 | 1.00 | " | 5.00 | 1.61 | 180 | 20-115 | | 30 |
| Benzyl alcohol | 2.89 | 0.500 | " | 5.00 | < 0.500 | 57.8 | 50-150 | | 30 |
| Bis(2-chloroethoxy)methane | 5.09 | 0.500 | " | 5.00 | < 0.500 | 102 | 45-105 | | 30 |
| Bis(2-chloroethyl)ether | 4.64 | 0.500 | " | 5.00 | < 0.500 | 92.8 | 35-110 | | 30 |
| Bis(2-chloroisopropyl)ether | 4.46 | 0.500 | " | 5.00 | < 0.500 | 89.2 | 25-130 | | 30 |
| Bis-(2-Ethylhexyl) Adipate | 5.49 | 1.00 | " | 5.00 | 0.540 | 99.0 | 40-125 | | 30 |
| Bis(2-ethylhexyl)phthalate | 6.70 | 1.00 | " | 5.00 | 0.540 | 123 | 40-125 | | 30 |
| Butyl benzyl phthalate | 4.89 | 0.500 | " | 5.00 | < 0.500 | 97.8 | 45-115 | | 30 |
| Carbazole | 5.37 | 0.500 | " | 5.00 | < 0.500 | 107 | 50-115 | | 30 |
| Chrysene | 4.94 | 0.500 | " | 5.00 | < 0.500 | 98.8 | 55-110 | | 30 |
| Dibenz (a,h) anthracene | 4.41 | 0.500 | " | 5.00 | < 0.500 | 88.2 | 40-125 | | 30 |

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|--|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
| Batch 1100195 - 3520C | | | | | | | | | |
| Matrix Spike (1100195-MS1) | | | | | | | | | |
| Source: 1104027-04 Prepared: 04/25/11 Analyzed: 05/02/11 | | | | | | | | | |
| Dibenzofuran | 4.84 | 0.500 | ug/L | 5.00 | < 0.500 | 96.8 | 55-105 | | 30 |
| Diethyl phthalate | 5.00 | 0.500 | " | 5.00 | < 0.500 | 100 | 40-120 | | 30 |
| Dimethyl phthalate | 4.89 | 0.500 | " | 5.00 | < 0.500 | 97.8 | 25-125 | | 30 |
| Di-n-butyl phthalate | 5.04 | 0.500 | " | 5.00 | < 0.500 | 101 | 55-115 | | 30 |
| Di-n-octyl phthalate | 4.80 | 0.500 | " | 5.00 | < 0.500 | 96.0 | 35-135 | | 30 |
| Diphenylamine | 4.68 | 0.500 | " | 5.00 | < 0.500 | 93.6 | 55-115 | | 30 |
| Fluoranthene | 5.32 | 0.500 | " | 5.00 | < 0.500 | 106 | 55-115 | | 30 |
| Fluorene | 5.18 | 0.500 | " | 5.00 | 0.190 | 99.8 | 50-110 | | 30 |
| Hexachlorobenzene | 4.69 | 0.500 | " | 5.00 | < 0.500 | 93.8 | 50-110 | | 30 |
| Hexachlorobutadiene | 4.49 | 0.500 | " | 5.00 | < 0.500 | 89.8 | 25-105 | | 30 |
| Hexachlorocyclopentadiene | 1.60 | 0.500 | " | 5.00 | < 0.500 | 32.0 | 30-95 | | 30 |
| Hexachloroethane | 4.63 | 0.500 | " | 5.00 | < 0.500 | 92.6 | 30-95 | | 30 |
| Indeno (1,2,3-cd) pyrene | 4.35 | 0.500 | " | 5.00 | < 0.500 | 87.0 | 45-125 | | 30 |
| Isophorone | 4.92 | 0.500 | " | 5.00 | < 0.500 | 98.4 | 50-110 | | 30 |
| Naphthalene | 4.52 | 0.500 | " | 5.00 | < 0.500 | 90.4 | 40-100 | | 30 |
| Nitrobenzene | 4.46 | 0.500 | " | 5.00 | < 0.500 | 89.2 | 45-110 | | 30 |
| N-Nitrosodimethylamine | 4.47 | 0.500 | " | 5.00 | < 0.500 | 89.4 | 25-110 | | |
| N-Nitrosodi-n-propylamine | 4.61 | 0.500 | " | 5.00 | < 0.500 | 92.2 | 35-130 | | 30 |
| Pentachlorophenol | 5.26 | 0.500 | " | 5.00 | < 0.500 | 105 | 40-115 | | 30 |
| Phenanthrene | 4.98 | 0.500 | " | 5.00 | 0.110 | 97.4 | 50-115 | | 30 |
| Phenol | 4.79 | 0.500 | " | 5.00 | < 0.500 | 95.8 | 20-115 | | 30 |
| Pyrene | 5.25 | 0.500 | " | 5.00 | < 0.500 | 105 | 50-130 | | 30 |
| Pyridine | 0.160 | 0.500 | " | 5.00 | 0.00 | 3.20 | 0-150 | | |
| Surrogate: 2,4,6-Tribromophenol | 4.87 | " | | 5.00 | | 97.4 | 40-125 | | |
| Surrogate: 2-Fluorobiphenyl | 4.51 | " | | 5.00 | | 90.2 | 50-110 | | |
| Surrogate: 2-Fluorophenol | 4.51 | " | | 5.00 | | 90.2 | 50-130 | | |
| Surrogate: Nitrobenzene-d5 | 4.50 | " | | 5.00 | | 90.0 | 40-110 | | |
| Surrogate: Phenol-d6 | 4.67 | " | | 5.00 | | 93.4 | 50-130 | | |
| Surrogate: Terphenyl-d14 | 4.63 | " | | 5.00 | | 92.6 | 50-135 | | |

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|--|---------|-----------------|-------|-------------|---------------|--------|-------------|------|-----------|
| Batch 1100195 - 3520C | | | | | | | | | |
| Matrix Spike Dup (1100195-MSD1) | | | | | | | | | |
| Source: 1104027-04 Prepared: 04/25/11 Analyzed: 05/02/11 | | | | | | | | | |
| 1,2,4-Trichlorobenzene | 3.65 | 0.500 | ug/L | 5.00 | < 0.500 | 73.0 | 35-105 | 20.0 | 30 |
| 1,2-Dichlorobenzene | 3.67 | 0.500 | " | 5.00 | < 0.500 | 73.4 | 35-100 | 20.5 | 30 |
| 1,2-Dinitrobenzene | 3.46 | 0.500 | " | 5.00 | < 0.500 | 69.2 | 45-110 | 28.5 | 30 |
| 1,3-Dichlorobenzene | 3.61 | 0.500 | " | 5.00 | < 0.500 | 72.2 | 30-100 | 21.3 | 30 |
| 1,3-Dinitrobenzene | 3.49 | 0.500 | " | 5.00 | < 0.500 | 69.8 | 45-110 | 25.3 | 30 |
| 1,4-Dichlorobenzene | 3.63 | 0.500 | " | 5.00 | < 0.500 | 72.6 | 30-100 | 20.7 | 30 |
| 1,4-Dinitrobenzene | 3.47 | 0.500 | " | 5.00 | < 0.500 | 69.4 | 45-110 | 30.9 | 30 |
| 1-Methylnaphthalene | 4.01 | 0.500 | " | 5.00 | 0.410 | 72.0 | 45-105 | 25.3 | 30 |
| 2,3,4,6-Tetrachlorophenol | 3.67 | 0.500 | " | 5.00 | < 0.500 | 73.4 | 50-110 | 17.6 | 30 |
| 2,3,5,6-Tetrachlorophenol | 3.78 | 0.500 | " | 5.00 | < 0.500 | 75.6 | 50-110 | 24.6 | 30 |
| 2,4,5-Trichlorophenol | 3.86 | 0.500 | " | 5.00 | < 0.500 | 77.2 | 50-110 | 32.2 | 30 |
| 2,4,6-Trichlorophenol | 3.77 | 0.500 | " | 5.00 | < 0.500 | 75.4 | 50-115 | 18.8 | 30 |
| 2,4-Dichlorophenol | 3.66 | 0.500 | " | 5.00 | < 0.500 | 73.2 | 50-105 | 24.2 | 30 |
| 2,4-Dimethylphenol | 3.37 | 0.500 | " | 5.00 | < 0.500 | 67.4 | 30-110 | 21.9 | 30 |
| 2,4-Dinitrophenol | 4.71 | 2.00 | " | 5.00 | < 2.00 | 94.2 | 15-140 | 26.5 | 30 |
| 2,4-Dinitrotoluene | 3.52 | 0.500 | " | 5.00 | < 0.500 | 70.4 | 50-120 | 27.2 | 30 |
| 2,6-Dinitrotoluene | 3.45 | 0.500 | " | 5.00 | < 0.500 | 69.0 | 50-115 | 27.5 | 30 |
| 2-Chloronaphthalene | 3.62 | 0.500 | " | 5.00 | < 0.500 | 72.4 | 50-105 | 26.0 | 30 |
| 2-Chlorophenol | 3.80 | 0.500 | " | 5.00 | < 0.500 | 76.0 | 35-105 | 21.4 | 30 |
| 2-Methylnaphthalene | 3.88 | 0.500 | " | 5.00 | 0.320 | 71.2 | 45-105 | 25.4 | 30 |
| 2-Methylphenol | 3.74 | 0.500 | " | 5.00 | < 0.500 | 74.8 | 40-110 | 22.7 | 30 |
| 2-Nitroaniline | 3.56 | 0.500 | " | 5.00 | < 0.500 | 71.2 | 50-115 | 27.8 | 30 |
| 2-Nitrophenol | 3.73 | 0.500 | " | 5.00 | < 0.500 | 74.6 | 40-115 | 18.9 | 30 |
| 3 & 4-Methylphenol | 7.07 | 0.500 | " | 10.0 | < 0.500 | 70.7 | 30-110 | 22.4 | 30 |
| 3,3'-Dichlorobenzidine | < 0.500 | 0.500 | " | 5.00 | < 0.500 | 20-110 | | | 30 |
| 3-Nitroaniline | 3.85 | 0.500 | " | 5.00 | < 0.500 | 77.0 | 20-125 | 12.7 | 30 |
| 4,6-Dinitro-2-methylphenol | 4.07 | 0.500 | " | 5.00 | < 0.500 | 81.4 | 40-130 | 27.2 | 30 |
| 4-Bromophenyl phenyl ether | 3.75 | 0.500 | " | 5.00 | < 0.500 | 75.0 | 50-115 | 27.0 | 30 |
| 4-Chloro-3-methylphenol | 3.80 | 0.500 | " | 5.00 | < 0.500 | 76.0 | 45-110 | 26.7 | 30 |
| 4-Chloroaniline | 6.68 | 1.00 | " | 5.00 | < 1.00 | 134 | 15-110 | 4.96 | 30 |
| 4-Chlorophenyl phenyl ether | 3.63 | 0.500 | " | 5.00 | < 0.500 | 72.6 | 50-110 | 28.8 | 30 |
| 4-Nitroaniline | 2.64 | 0.500 | " | 5.00 | < 0.500 | 52.8 | 35-120 | 50.6 | 30 |
| 4-Nitrophenol | 4.52 | 0.500 | " | 5.00 | < 0.500 | 90.4 | 0-125 | 30.6 | 30 |
| Acenaphthene | 3.73 | 0.500 | " | 5.00 | 0.150 | 71.6 | 45-110 | 27.1 | 30 |
| Acenaphthylene | 3.61 | 0.500 | " | 5.00 | < 0.500 | 72.2 | 50-105 | 26.9 | 30 |
| Aniline | 1.59 | 1.00 | " | 5.00 | < 1.00 | 31.8 | 20-150 | 24.8 | 30 |
| Anthracene | 3.62 | 0.500 | " | 5.00 | < 0.500 | 72.4 | 55-110 | 29.2 | 30 |
| Azobenzene | 3.68 | 0.500 | " | 5.00 | < 0.500 | 73.6 | 50-115 | 28.4 | 30 |
| Benzo (a) anthracene | 3.51 | 0.500 | " | 5.00 | < 0.500 | 70.2 | 55-110 | 30.8 | 30 |
| Benzo (a) pyrene | 3.08 | 0.500 | " | 5.00 | < 0.500 | 61.6 | 55-110 | 30.8 | 30 |
| Benzo (b) fluoranthene | 3.33 | 0.500 | " | 5.00 | < 0.500 | 66.6 | 45-120 | 31.2 | 30 |
| Benzo (g,h,i) perylene | 3.14 | 0.500 | " | 5.00 | < 0.500 | 62.8 | 40-125 | 31.9 | 30 |
| Benzo (k) fluoranthene | 3.34 | 0.500 | " | 5.00 | < 0.500 | 66.8 | 45-125 | 30.5 | 30 |
| Benzoic acid | 7.59 | 1.00 | " | 5.00 | 1.61 | 120 | 20-115 | 33.3 | 30 |
| Benzyl alcohol | 2.62 | 0.500 | " | 5.00 | < 0.500 | 52.4 | 50-150 | 9.80 | 30 |
| Bis(2-chloroethoxy)methane | 3.94 | 0.500 | " | 5.00 | < 0.500 | 78.8 | 45-105 | 25.5 | 30 |
| Bis(2-chloroethyl)ether | 3.66 | 0.500 | " | 5.00 | < 0.500 | 73.2 | 35-110 | 23.6 | 30 |
| Bis(2-chloroisopropyl)ether | 3.69 | 0.500 | " | 5.00 | < 0.500 | 73.8 | 25-130 | 18.9 | 30 |
| Bis-(2-Ethylhexyl) Adipate | 4.40 | 1.00 | " | 5.00 | 0.540 | 77.2 | 40-125 | 22.0 | 30 |
| Bis(2-ethylhexyl)phthalate | 4.53 | 1.00 | " | 5.00 | 0.540 | 79.8 | 40-125 | 38.6 | 30 |
| Butyl benzyl phthalate | 3.80 | 0.500 | " | 5.00 | < 0.500 | 76.0 | 45-115 | 25.1 | 30 |
| Carbazole | 3.89 | 0.500 | " | 5.00 | < 0.500 | 77.8 | 50-115 | 32.0 | 30 |
| Chrysene | 3.59 | 0.500 | " | 5.00 | < 0.500 | 71.8 | 55-110 | 31.7 | 30 |
| Dibenz (a,h) anthracene | 3.25 | 0.500 | " | 5.00 | < 0.500 | 65.0 | 40-125 | 30.3 | 30 |

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|--|---------|-----------------|-------|-------------|---------------|--------|-------------|------|-----------|
| Batch 1100195 - 3520C | | | | | | | | | |
| Matrix Spike Dup (1100195-MSD1) | | | | | | | | | |
| Source: 1104027-04 Prepared: 04/25/11 Analyzed: 05/02/11 | | | | | | | | | |
| Dibenzofuran | 3.68 | 0.500 | ug/L | 5.00 | < 0.500 | 73.6 | 55-105 | 27.2 | 30 |
| Diethyl phthalate | 3.80 | 0.500 | " | 5.00 | < 0.500 | 76.0 | 40-120 | 27.3 | 30 |
| Dimethyl phthalate | 3.67 | 0.500 | " | 5.00 | < 0.500 | 73.4 | 25-125 | 28.5 | 30 |
| Di-n-butyl phthalate | 3.81 | 0.500 | " | 5.00 | < 0.500 | 76.2 | 55-115 | 27.8 | 30 |
| Di-n-octyl phthalate | 3.61 | 0.500 | " | 5.00 | < 0.500 | 72.2 | 35-135 | 28.3 | 30 |
| Diphenylamine | 3.51 | 0.500 | " | 5.00 | < 0.500 | 70.2 | 55-115 | 28.6 | 30 |
| Fluoranthene | 3.91 | 0.500 | " | 5.00 | < 0.500 | 78.2 | 55-115 | 30.6 | 30 |
| Fluorene | 3.87 | 0.500 | " | 5.00 | 0.190 | 73.6 | 50-110 | 29.0 | 30 |
| Hexachlorobenzene | 3.59 | 0.500 | " | 5.00 | < 0.500 | 71.8 | 50-110 | 26.6 | 30 |
| Hexachlorobutadiene | 3.56 | 0.500 | " | 5.00 | < 0.500 | 71.2 | 25-105 | 23.1 | 30 |
| Hexachlorocyclopentadiene | 1.37 | 0.500 | " | 5.00 | < 0.500 | 27.4 | 30-95 | 15.5 | 30 |
| Hexachloroethane | 3.76 | 0.500 | " | 5.00 | < 0.500 | 75.2 | 30-95 | 20.7 | 30 |
| Indeno (1,2,3-cd) pyrene | 3.27 | 0.500 | " | 5.00 | < 0.500 | 65.4 | 45-125 | 28.3 | 30 |
| Isophorone | 3.77 | 0.500 | " | 5.00 | < 0.500 | 75.4 | 50-110 | 26.5 | 30 |
| Naphthalene | 3.64 | 0.500 | " | 5.00 | < 0.500 | 72.8 | 40-100 | 21.6 | 30 |
| Nitrobenzene | 3.53 | 0.500 | " | 5.00 | < 0.500 | 70.6 | 45-110 | 23.3 | 30 |
| N-Nitrosodimethylamine | 3.55 | 0.500 | " | 5.00 | < 0.500 | 71.0 | 25-110 | 22.9 | |
| N-Nitrosodi-n-propylamine | 3.68 | 0.500 | " | 5.00 | < 0.500 | 73.6 | 35-130 | 22.4 | 30 |
| Pentachlorophenol | 4.46 | 0.500 | " | 5.00 | < 0.500 | 89.2 | 40-115 | 16.5 | 30 |
| Phenanthrene | 3.69 | 0.500 | " | 5.00 | 0.110 | 71.6 | 50-115 | 29.8 | 30 |
| Phenol | 3.83 | 0.500 | " | 5.00 | < 0.500 | 76.6 | 20-115 | 22.3 | 30 |
| Pyrene | 3.87 | 0.500 | " | 5.00 | < 0.500 | 77.4 | 50-130 | 30.3 | 30 |
| Pyridine | < 0.500 | 0.500 | " | 5.00 | 0.00 | 0-150 | 200 | | |
| Surrogate: 2,4,6-Tribromophenol | 3.83 | " | 5.00 | | 76.6 | 40-125 | | | |
| Surrogate: 2-Fluorobiphenyl | 3.51 | " | 5.00 | | 70.2 | 50-110 | | | |
| Surrogate: 2-Fluorophenol | 3.64 | " | 5.00 | | 72.8 | 50-130 | | | |
| Surrogate: Nitrobenzene-d5 | 3.64 | " | 5.00 | | 72.8 | 40-110 | | | |
| Surrogate: Phenol-d6 | 3.71 | " | 5.00 | | 74.2 | 50-130 | | | |
| Surrogate: Terphenyl-d14 | 3.45 | " | 5.00 | | 69.0 | 50-135 | | | |

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---|---------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
| Batch 1100211 - 3520C | | | | | | | | | |
| Method Blank (1100211-BLK1) | | | | | | | | | |
| Prepared: 04/20/11 Analyzed: 05/10/11 | | | | | | | | | |
| (R)-(+)-Limonene | < 0.100 | 0.100 | ug/L | | | | | | |
| 1,3-Dimethyl adamantane | < 0.100 | 0.100 | " | | | | | | |
| 2-Butoxyethanol | < 0.100 | 0.100 | " | | | | | | |
| Adamantane | < 0.100 | 0.100 | " | | | | | | |
| Squalene | < 1.00 | 1.00 | " | | | | | | |
| Terpiniol | < 0.100 | 0.100 | " | | | | | | |
| Tri(2-butoxyethyl) Phosphate | < 0.500 | 0.500 | " | | | | | | |
| Surrogate: 2,4,6-Tribromophenol | 4.79 | | " | 5.00 | | 95.8 | 60-130 | | |
| Surrogate: 2-Fluorobiphenyl | 4.91 | | " | 5.00 | | 98.2 | 60-130 | | |
| Surrogate: 2-Fluorophenol | 4.42 | | " | 5.00 | | 88.4 | 60-130 | | |
| Surrogate: Nitrobenzene-d5 | 5.08 | | " | 5.00 | | 102 | 60-130 | | |
| Surrogate: Phenol-d6 | 4.86 | | " | 5.00 | | 97.2 | 60-130 | | |
| Surrogate: Terphenyl-d14 | 4.81 | | " | 5.00 | | 96.2 | 60-130 | | |
| Method Blank Spike (1100211-BS1) | | | | | | | | | |
| Prepared: 04/20/11 Analyzed: 05/09/11 | | | | | | | | | |
| (R)-(+)-Limonene | 3.88 | 0.100 | ug/L | 5.00 | | 77.6 | 60-130 | | |
| 1,3-Dimethyl adamantane | 3.76 | 0.100 | " | 5.00 | | 75.2 | 60-130 | | |
| 2-Butoxyethanol | 3.98 | 0.100 | " | 5.00 | | 79.6 | 60-130 | | |
| Adamantane | 3.73 | 0.100 | " | 5.00 | | 74.6 | 60-130 | | |
| Squalene | 3.90 | 1.00 | " | 5.00 | | 78.0 | 60-130 | | |
| Terpiniol | 4.20 | 0.100 | " | 5.00 | | 84.0 | 60-130 | | |
| Tri(2-butoxyethyl) Phosphate | 4.71 | 0.500 | " | 5.00 | | 94.2 | 60-130 | | |
| Surrogate: 2,4,6-Tribromophenol | 4.63 | | " | 5.00 | | 92.6 | 40-125 | | |
| Surrogate: 2-Fluorobiphenyl | 4.36 | | " | 5.00 | | 87.2 | 50-110 | | |
| Surrogate: 2-Fluorophenol | 4.15 | | " | 5.00 | | 83.0 | 20-110 | | |
| Surrogate: Nitrobenzene-d5 | 4.56 | | " | 5.00 | | 91.2 | 40-110 | | |
| Surrogate: Phenol-d6 | 4.63 | | " | 5.00 | | 92.6 | 10-115 | | |
| Surrogate: Terphenyl-d14 | 4.56 | | " | 5.00 | | 91.2 | 50-135 | | |

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---|---------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
| Batch 1100214 - 3520C | | | | | | | | | |
| Method Blank (1100214-BLK1) | | | | | | | | | |
| Prepared: 04/21/11 Analyzed: 05/10/11 | | | | | | | | | |
| (R)-(+)-Limonene | < 0.100 | 0.100 | ug/L | | | | | | |
| 1,3-Dimethyl adamantane | < 0.100 | 0.100 | " | | | | | | |
| 2-Butoxyethanol | < 0.100 | 0.100 | " | | | | | | |
| Adamantane | < 0.100 | 0.100 | " | | | | | | |
| Squalene | < 1.00 | 1.00 | " | | | | | | |
| Terpiniol | < 0.100 | 0.100 | " | | | | | | |
| Tri(2-butoxyethyl) Phosphate | < 0.500 | 0.500 | " | | | | | | |
| <i>Surrogate: 2,4,6-Tribromophenol</i> | 4.49 | | " | 5.00 | | 89.8 | 60-130 | | |
| <i>Surrogate: 2-Fluorobiphenyl</i> | 3.90 | | " | 5.00 | | 78.0 | 60-130 | | |
| <i>Surrogate: 2-Fluorophenol</i> | 3.70 | | " | 5.00 | | 74.0 | 60-130 | | |
| <i>Surrogate: Nitrobenzene-d5</i> | 4.36 | | " | 5.00 | | 87.2 | 60-130 | | |
| <i>Surrogate: Phenol-d6</i> | 4.25 | | " | 5.00 | | 85.0 | 60-130 | | |
| <i>Surrogate: Terphenyl-d14</i> | 4.19 | | " | 5.00 | | 83.8 | 60-130 | | |
| Method Blank Spike (1100214-BS1) | | | | | | | | | |
| Prepared: 04/21/11 Analyzed: 05/09/11 | | | | | | | | | |
| (R)-(+)-Limonene | 1.58 | 0.100 | ug/L | 5.00 | | 31.6 | 60-130 | | |
| 1,3-Dimethyl adamantane | 1.58 | 0.100 | " | 5.00 | | 31.6 | 60-130 | | |
| 2-Butoxyethanol | 3.80 | 0.100 | " | 5.00 | | 76.0 | 60-130 | | |
| Adamantane | 1.59 | 0.100 | " | 5.00 | | 31.8 | 60-130 | | |
| Squalene | 4.71 | 1.00 | " | 5.00 | | 94.2 | 60-130 | | |
| Terpiniol | 4.07 | 0.100 | " | 5.00 | | 81.4 | 60-130 | | |
| Tri(2-butoxyethyl) Phosphate | 5.51 | 0.500 | " | 5.00 | | 110 | 60-130 | | |
| <i>Surrogate: 2,4,6-Tribromophenol</i> | 4.68 | | " | 5.00 | | 93.6 | 40-125 | | |
| <i>Surrogate: 2-Fluorobiphenyl</i> | 4.19 | | " | 5.00 | | 83.8 | 50-110 | | |
| <i>Surrogate: 2-Fluorophenol</i> | 4.07 | | " | 5.00 | | 81.4 | 20-110 | | |
| <i>Surrogate: Nitrobenzene-d5</i> | 4.43 | | " | 5.00 | | 88.6 | 40-110 | | |
| <i>Surrogate: Phenol-d6</i> | 4.35 | | " | 5.00 | | 87.0 | 10-115 | | |
| <i>Surrogate: Terphenyl-d14</i> | 4.08 | | " | 5.00 | | 81.6 | 50-135 | | |

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---|---------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
| Batch 1100215 - 3520C | | | | | | | | | |
| Method Blank (1100215-BLK1) | | | | | | | | | |
| Prepared: 04/25/11 Analyzed: 05/10/11 | | | | | | | | | |
| (R)-(+)-Limonene | < 0.100 | 0.100 | ug/L | | | | | | |
| 1,3-Dimethyl adamantane | < 0.100 | 0.100 | " | | | | | | |
| 2-Butoxyethanol | < 0.100 | 0.100 | " | | | | | | |
| Adamantane | < 0.100 | 0.100 | " | | | | | | |
| Squalene | < 1.00 | 1.00 | " | | | | | | |
| Terpiniol | < 0.100 | 0.100 | " | | | | | | |
| Tri(2-butoxyethyl) Phosphate | < 0.500 | 0.500 | " | | | | | | |
| Surrogate: 2,4,6-Tribromophenol | 5.22 | | " | 5.00 | | 104 | 60-130 | | |
| Surrogate: 2-Fluorobiphenyl | 4.17 | | " | 5.00 | | 83.4 | 60-130 | | |
| Surrogate: 2-Fluorophenol | 4.16 | | " | 5.00 | | 83.2 | 60-130 | | |
| Surrogate: Nitrobenzene-d5 | 4.61 | | " | 5.00 | | 92.2 | 60-130 | | |
| Surrogate: Phenol-d6 | 4.46 | | " | 5.00 | | 89.2 | 60-130 | | |
| Surrogate: Terphenyl-d14 | 4.68 | | " | 5.00 | | 93.6 | 60-130 | | |
| Method Blank Spike (1100215-BS1) | | | | | | | | | |
| Prepared: 04/25/11 Analyzed: 05/09/11 | | | | | | | | | |
| (R)-(+)-Limonene | 2.01 | 0.100 | ug/L | 5.00 | | 40.2 | 60-130 | | |
| 1,3-Dimethyl adamantane | 1.92 | 0.100 | " | 5.00 | | 38.4 | 60-130 | | |
| 2-Butoxyethanol | 4.40 | 0.100 | " | 5.00 | | 88.0 | 60-130 | | |
| Adamantane | 2.01 | 0.100 | " | 5.00 | | 40.2 | 60-130 | | |
| Squalene | 4.97 | 1.00 | " | 5.00 | | 99.4 | 60-130 | | |
| Terpiniol | 4.43 | 0.100 | " | 5.00 | | 88.6 | 60-130 | | |
| Tri(2-butoxyethyl) Phosphate | 5.87 | 0.500 | " | 5.00 | | 117 | 60-130 | | |
| Surrogate: 2,4,6-Tribromophenol | 5.91 | | " | 5.00 | | 118 | 40-125 | | |
| Surrogate: 2-Fluorobiphenyl | 4.80 | | " | 5.00 | | 96.0 | 50-110 | | |
| Surrogate: 2-Fluorophenol | 4.48 | | " | 5.00 | | 89.6 | 20-110 | | |
| Surrogate: Nitrobenzene-d5 | 5.05 | | " | 5.00 | | 101 | 40-110 | | |
| Surrogate: Phenol-d6 | 5.01 | | " | 5.00 | | 100 | 10-115 | | |
| Surrogate: Terphenyl-d14 | 5.36 | | " | 5.00 | | 107 | 50-135 | | |

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|--|--------|-----------------|-------|-------------|---------------|------|-------------|------|-----------|
| Batch 1100215 - 3520C | | | | | | | | | |
| Matrix Spike (1100215-MS1) | | | | | | | | | |
| Source: 1104027-04 Prepared: 04/25/11 Analyzed: 05/10/11 | | | | | | | | | |
| (R)-(+)-Limonene | 1.61 | 0.100 | ug/L | 5.00 | < 0.100 | 32.2 | 60-130 | | 20 |
| 1,3-Dimethyl adamantane | 1.55 | 0.100 | " | 5.00 | < 0.100 | 31.0 | 60-130 | | 20 |
| 2-Butoxyethanol | 2.85 | 0.100 | " | 5.00 | < 0.100 | 57.0 | 60-130 | | 20 |
| Adamantane | 1.59 | 0.100 | " | 5.00 | < 0.100 | 31.8 | 60-130 | | 20 |
| Squalene | 3.20 | 1.00 | " | 5.00 | < 1.00 | 64.0 | 60-130 | | 20 |
| Terpiniol | 4.11 | 0.100 | " | 5.00 | < 0.100 | 82.2 | 60-130 | | 20 |
| Tri(2-butoxyethyl) Phosphate | 7.16 | 0.500 | " | 5.00 | < 0.500 | 143 | 60-130 | | 20 |
| Surrogate: 2,4,6-Tribromophenol | 5.84 | | " | 5.00 | | 117 | 40-125 | | |
| Surrogate: 2-Fluorobiphenyl | 4.08 | | " | 5.00 | | 81.6 | 50-110 | | |
| Surrogate: 2-Fluorophenol | 3.44 | | " | 5.00 | | 68.8 | 20-110 | | |
| Surrogate: Nitrobenzene-d5 | 4.16 | | " | 5.00 | | 83.2 | 40-110 | | |
| Surrogate: Phenol-d6 | 4.18 | | " | 5.00 | | 83.6 | 10-115 | | |
| Surrogate: Terphenyl-d14 | 4.28 | | " | 5.00 | | 85.6 | 50-135 | | |
| Matrix Spike Dup (1100215-MSD1) | | | | | | | | | |
| Source: 1104027-04 Prepared: 04/25/11 Analyzed: 05/10/11 | | | | | | | | | |
| (R)-(+)-Limonene | 2.21 | 0.100 | ug/L | 5.00 | < 0.100 | 44.2 | 60-130 | 31.4 | 20 |
| 1,3-Dimethyl adamantane | 2.18 | 0.100 | " | 5.00 | < 0.100 | 43.6 | 60-130 | 33.8 | 20 |
| 2-Butoxyethanol | 2.94 | 0.100 | " | 5.00 | < 0.100 | 58.8 | 60-130 | 3.11 | 20 |
| Adamantane | 2.18 | 0.100 | " | 5.00 | < 0.100 | 43.6 | 60-130 | 31.3 | 20 |
| Squalene | 3.08 | 1.00 | " | 5.00 | < 1.00 | 61.6 | 60-130 | 3.82 | 20 |
| Terpiniol | 4.35 | 0.100 | " | 5.00 | < 0.100 | 87.0 | 60-130 | 5.67 | 20 |
| Tri(2-butoxyethyl) Phosphate | 7.07 | 0.500 | " | 5.00 | < 0.500 | 141 | 60-130 | 1.26 | 20 |
| Surrogate: 2,4,6-Tribromophenol | 5.68 | | " | 5.00 | | 114 | 40-125 | | |
| Surrogate: 2-Fluorobiphenyl | 4.20 | | " | 5.00 | | 84.0 | 50-110 | | |
| Surrogate: 2-Fluorophenol | 3.43 | | " | 5.00 | | 68.6 | 20-110 | | |
| Surrogate: Nitrobenzene-d5 | 4.38 | | " | 5.00 | | 87.6 | 40-110 | | |
| Surrogate: Phenol-d6 | 4.10 | | " | 5.00 | | 82.0 | 10-115 | | |
| Surrogate: Terphenyl-d14 | 4.21 | | " | 5.00 | | 84.2 | 50-135 | | |

TVPH/BTEX/MTBE/Naphthalene by GC PID/FID - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|

Batch 1100148 - EPA 5030B-R8

Method Blank (1100148-BLK1)

Prepared: 04/25/11 Analyzed: 04/26/11

| | | | | | | | | | |
|-------------------------------|--------|------|------|------|--|-----|--------|--|--|
| Benzene | < 1.0 | 1.0 | ug/L | | | | | | |
| Ethyl Benzene | < 1.0 | 1.0 | " | | | | | | |
| m,p-Xylene | < 2.0 | 2.0 | " | | | | | | |
| Methyl tert-Butyl Ether | < 1.0 | 1.0 | " | | | | | | |
| Naphthalene | < 2.0 | 2.0 | " | | | | | | |
| o-Xylene | < 1.0 | 1.0 | " | | | | | | |
| Toluene | < 1.0 | 1.0 | " | | | | | | |
| TPH as Gasoline | < 20.0 | 20.0 | " | | | | | | |
| Surrogate: Bromofluorobenzene | 50.9 | " | | 50.0 | | 102 | 70-130 | | |

Method Blank Spike (1100148-BS1)

Prepared: 04/25/11 Analyzed: 04/27/11

| | | | | | | | | | |
|-------------------------------|------|-----|------|------|--|------|--------|--|----|
| Benzene | 50.1 | 1.0 | ug/L | 50.0 | | 100 | 70-130 | | 25 |
| Ethyl Benzene | 49.8 | 1.0 | " | 50.0 | | 99.6 | 70-130 | | 25 |
| m,p-Xylene | 99.2 | 2.0 | " | 100 | | 99.2 | 70-130 | | 25 |
| Methyl tert-Butyl Ether | 50.2 | 1.0 | " | 50.0 | | 100 | 70-130 | | 25 |
| Naphthalene | 56.6 | 2.0 | " | 50.0 | | 113 | 70-130 | | 25 |
| o-Xylene | 48.7 | 1.0 | " | 50.0 | | 97.3 | 70-130 | | 25 |
| Toluene | 48.6 | 1.0 | " | 50.0 | | 97.1 | 70-130 | | 25 |
| Surrogate: Bromofluorobenzene | 46.5 | " | | 50.0 | | 93.0 | 70-130 | | |

Method Blank Spike Dup (1100148-BSD1)

Prepared: 04/25/11 Analyzed: 04/27/11

| | | | | | | | | | |
|-------------------------------|------|-----|------|------|--|------|--------|-------|----|
| Benzene | 49.9 | 1.0 | ug/L | 50.0 | | 99.9 | 70-130 | 0.380 | 25 |
| Ethyl Benzene | 49.6 | 1.0 | " | 50.0 | | 99.2 | 70-130 | 0.434 | 25 |
| m,p-Xylene | 99.0 | 2.0 | " | 100 | | 99.0 | 70-130 | 0.201 | 25 |
| Methyl tert-Butyl Ether | 50.1 | 1.0 | " | 50.0 | | 100 | 70-130 | 0.197 | 25 |
| Naphthalene | 57.9 | 2.0 | " | 50.0 | | 116 | 70-130 | 2.20 | 25 |
| o-Xylene | 48.5 | 1.0 | " | 50.0 | | 96.9 | 70-130 | 0.379 | 25 |
| Toluene | 48.4 | 1.0 | " | 50.0 | | 96.9 | 70-130 | 0.258 | 25 |
| Surrogate: Bromofluorobenzene | 48.2 | " | | 50.0 | | 96.5 | 70-130 | | |

TVPH/BTEX/MTBE/Naphthalene by GC PID/FID - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|--|--------|-----------------|-------|-------------|---------------|------|-------------|-------|-----------|
| Batch 1100148 - EPA 5030B-R8 | | | | | | | | | |
| Matrix Spike (1100148-MS1) | | | | | | | | | |
| TPH as Gasoline | 955 | 20.0 | ug/L | 1000 | < 20.0 | 95.5 | 70-130 | | 25 |
| Surrogate: Bromofluorobenzene | 52.3 | | " | 50.0 | | 105 | 70-130 | | |
| Matrix Spike Dup (1100148-MSD1) | | | | | | | | | |
| TPH as Gasoline | 952 | 20.0 | ug/L | 1000 | < 20.0 | 95.2 | 70-130 | 0.306 | 25 |
| Surrogate: Bromofluorobenzene | 45.2 | | " | 50.0 | | 90.3 | 70-130 | | |
| Reference (1100148-SRM1) | | | | | | | | | |
| TPH as Gasoline | 2570 | 20.0 | ug/L | 2860 | | 89.9 | 70-130 | | |
| Surrogate: Bromofluorobenzene | 57.1 | | " | 50.0 | | 114 | 70-130 | | |
| Reference (1100148-SRM2) | | | | | | | | | |
| Benzene | 65.0 | 1.0 | ug/L | 74.0 | | 87.8 | 70-130 | | |
| Ethyl Benzene | 11.1 | 1.0 | " | 11.1 | | 99.8 | 70-130 | | |
| m,p-Xylene | 86.8 | 2.0 | " | 91.5 | | 94.9 | 70-130 | | |
| Methyl tert-Butyl Ether | 47.7 | 1.0 | " | 50.0 | | 95.3 | 70-130 | | |
| Naphthalene | 53.1 | 2.0 | " | 50.0 | | 106 | 70-130 | | |
| o-Xylene | 75.8 | 1.0 | " | 81.0 | | 93.5 | 70-130 | | |
| Toluene | 41.0 | 1.0 | " | 44.9 | | 91.2 | 70-130 | | |
| Surrogate: Bromofluorobenzene | 51.5 | | " | 50.0 | | 103 | 70-130 | | |
| HOLDING BLANK (1104024-09) | | | | | | | | | |
| Benzene | < 1.0 | 1.0 | ug/L | | | | | | |
| Ethyl Benzene | < 1.0 | 1.0 | " | | | | | | |
| m,p-Xylene | < 2.0 | 2.0 | " | | | | | | |
| Methyl tert-Butyl Ether | < 1.0 | 1.0 | " | | | | | | |
| Naphthalene | < 2.0 | 2.0 | " | | | | | | |
| o-Xylene | < 1.0 | 1.0 | " | | | | | | |
| Toluene | < 1.0 | 1.0 | " | | | | | | |
| TPH as Gasoline | < 20.0 | 20.0 | " | | | | | | |
| Surrogate: Bromofluorobenzene | 51.6 | | " | 50.0 | | 103 | 70-130 | | |

Project: Pavillion 2011 #1 LSR No: 1104024

Certificate of Analysis

TVPH/BTEX/MTBE/Naphthalene by GC PID/FID - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|

Batch 1100148 - EPA 5030B-R8

Holding Blank (1104027-08)

Prepared: 04/25/11 Analyzed: 04/27/11

| | | | | | | | | | |
|-------------------------------|--------|------|------|------|--|-----|--------|--|--|
| Benzene | < 1.0 | 1.0 | ug/L | | | | | | |
| Ethyl Benzene | < 1.0 | 1.0 | " | | | | | | |
| m,p-Xylene | < 2.0 | 2.0 | " | | | | | | |
| Methyl tert-Butyl Ether | < 1.0 | 1.0 | " | | | | | | |
| Naphthalene | < 2.0 | 2.0 | " | | | | | | |
| o-Xylene | < 1.0 | 1.0 | " | | | | | | |
| Toluene | < 1.0 | 1.0 | " | | | | | | |
| TPH as Gasoline | < 20.0 | 20.0 | " | | | | | | |
| Surrogate: Bromofluorobenzene | 51.3 | | " | 50.0 | | 103 | 70-130 | | |

Extractable Petroleum Hydrocarbons by 8015 DRO - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|

Batch 1100140 - EPA 3520C

| | | | | | | |
|------------------------------------|--------|------|------|--|--------------------|--------------------|
| Method Blank (1100140-BLK1) | | | | | Prepared: 04/21/11 | Analyzed: 04/26/11 |
| Diesel range organics | < 20.0 | 20.0 | ug/L | | | |

| | | | | | |
|------------------------|------|---|------|------|--------|
| Surrogate: o-Terphenyl | 4.52 | " | 5.00 | 90.3 | 60-140 |
|------------------------|------|---|------|------|--------|

| | | | | | | |
|---------------------------------|-----|------|------|-----|--------------------|--------------------|
| Reference (1100140-SRM1) | | | | | Prepared: 04/21/11 | Analyzed: 04/27/11 |
| Diesel range organics | 108 | 20.0 | ug/L | 127 | 84.7 | 24-130 |

| | | | | | |
|------------------------|------|---|------|------|--------|
| Surrogate: o-Terphenyl | 4.43 | " | 5.00 | 88.5 | 60-140 |
|------------------------|------|---|------|------|--------|

Batch 1100147 - EPA 3520C

| | | | | | | |
|------------------------------------|--------|------|------|--|--------------------|--------------------|
| Method Blank (1100147-BLK1) | | | | | Prepared: 04/25/11 | Analyzed: 04/27/11 |
| Diesel range organics | < 20.0 | 20.0 | ug/L | | | |

| | | | | | |
|------------------------|------|---|------|------|--------|
| Surrogate: o-Terphenyl | 4.67 | " | 5.00 | 93.4 | 60-140 |
|------------------------|------|---|------|------|--------|

| | | | | | | |
|-----------------------------------|-----|---------------------------|------|-----|--------------------|--------------------|
| Matrix Spike (1100147-MS1) | | Source: 1104027-04 | | | Prepared: 04/25/11 | Analyzed: 04/27/11 |
| Diesel range organics | 155 | 21.5 | ug/L | 108 | 60.5 | 87.8 |

| | | | | | | |
|------------------------|------|---|------|------|--------|----|
| Surrogate: o-Terphenyl | 4.98 | " | 5.38 | 92.6 | 60-140 | 25 |
|------------------------|------|---|------|------|--------|----|

| | | | | | | |
|--|-----|---------------------------|------|-----|--------------------|--------------------|
| Matrix Spike Dup (1100147-MSD1) | | Source: 1104027-04 | | | Prepared: 04/25/11 | Analyzed: 04/27/11 |
| Diesel range organics | 155 | 20.0 | ug/L | 100 | 60.5 | 94.7 |

| | | | | | | | |
|------------------------|------|---|------|------|--------|-------|----|
| Surrogate: o-Terphenyl | 4.65 | " | 5.00 | 93.1 | 60-140 | 0.176 | 25 |
|------------------------|------|---|------|------|--------|-------|----|

| | | | | | | |
|---------------------------------|-----|------|------|-----|--------------------|--------------------|
| Reference (1100147-SRM1) | | | | | Prepared: 04/25/11 | Analyzed: 04/27/11 |
| Diesel range organics | 105 | 20.0 | ug/L | 127 | 82.9 | 24-130 |

| | | | | | |
|------------------------|------|---|------|------|--------|
| Surrogate: o-Terphenyl | 4.26 | " | 5.00 | 85.1 | 60-140 |
|------------------------|------|---|------|------|--------|

NOTE:

%REC is percent recovery, Result (less sample contribution) divided by the Spike Level

RPD is the Relative Percent Difference (difference between the Result and the Source Result) divided by their average



USEPA, ORD, NRMRL

**Sample Analysis Request
and
Chain of Custody (COC) Record**

Color 1 - 66°C
Color 2 - 35°C

10

Print copy - Field Assistant, Yellow copy - Lab Coordinator, White copy - Project Manager

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USEPA, ORD, NRML

Sample Analysis Request and

Project: Pavilion 2011 #1 LSR No: 1104024

Certificate of Analysis

Project: Pavilion 2011 #1 LSR No: 1104024

Certificate of Analysis



**Sample Analysis Request
and
Chain of Custody (COC) Record**

Project: Pavillion 2011 #1 LSR No: 1104024

Certificate of Analysis

| |
|--|
| |
|--|

1104024

Date Due: 05/21/2011

TAT: 31

Report To: Clean Water Act, Pavillion 2011
Kerr Environmental Research Center
Ada, OK 74820

Invoice To: Clean Water Act
8EPR-EP
Denver, CO 80202

Client Contact:

580-436-8874
(580) 436-8703

FAX
 EMAIL
 EDF

Date/Initials: _____
Date/Initials: _____
Date/Initials: _____

LSR #: 1104024

Mail Instructions:

Report Instructions:

Proofing

Report Date/Initials: _____
Sub Report Date/Initials: _____
Invoice Date/Initials: _____

| | |
|--|-----------------------------------|
| Format Correct? | Test Name vs. C.O.C. & Benchsheet |
| Report to: vs. LSR | Hold times |
| Attention: vs. LSR | Method vs. Benchsheet |
| Phone: vs. LSR | Units vs. Benchsheet |
| Project Name & Number, PO Number vs. LSR | Reporting Limit vs. Benchsheet |
| Sample ID: vs. C.O.C. | Date Analyzed |
| Sample Type: vs. C.O.C. | Results vs. Benchsheet |
| Date/Time Sampled vs. C.O.C. | Qualifiers |
| Date/Time Received vs. C.O.C. | Primary vs. Secondary Results |

1104026

Date Due: 05/22/2011

TAT: 31

Report To: Clean Water Act, Pavillion 2011
Kerr Environmental Research Center
Ada, OK 74820

Invoice To: Clean Water Act
8EPR-EP
Denver, CO 80202

Client Contact:

580-436-8874
(580) 436-8703

FAX
 EMAIL
 EDF

Invoice Contact:

(303) 312-7043
Date/Initials: _____
Date/Initials: _____
Date/Initials: _____

Mail Instructions:

Report Instructions:

Proofing

Report Date/Initials: _____
Sub Report Date/Initials: _____
Invoice Date/Initials: _____

Format Correct? Test Name vs. C.O.C. & Benchsheet

1104026

Date Due: 05/22/2011

TAT: 31

| | |
|--|--------------------------------|
| Report to: vs. LSR | Hold times |
| Attention: vs. LSR | Method vs. Benchsheet |
| Phone: vs. LSR | Units vs. Benchsheet |
| Project Name & Number, PO Number vs. LSR | Reporting Limit vs. Benchsheet |
| Sample ID: vs. C.O.C. | Date Analyzed |
| Sample Type: vs. C.O.C. | Results vs. Benchsheet |
| Date/Time Sampled vs. C.O.C. | Qualifiers |
| Date/Time Received vs. C.O.C. | Primary vs. Secondary Results |

1104027

Date Due: 05/23/2011

TAT: 31

Report To: Clean Water Act, Pavillion 2011
Kerr Environmental Research Center
Ada, OK 74820

Invoice To: Clean Water Act
8EPR-EP
Denver, CO 80202

Client Contact:

580-436-8874
(580) 436-8703

LSR #: 1104024

| | |
|---------------------------------------|----------------------|
| <input type="checkbox"/> FAX | Date/Initials: _____ |
| <input type="checkbox"/> EMAIL | Date/Initials: _____ |
| <input type="checkbox"/> EDF | Date/Initials: _____ |

Mail Instructions:

Report Instructions:

Proofing

| | |
|-------------------|----------------------|
| Report | Date/Initials: _____ |
| Sub Report | Date/Initials: _____ |
| Invoice | Date/Initials: _____ |

| | |
|--|-----------------------------------|
| Format Correct? | Test Name vs. C.O.C. & Benchsheet |
| Report to: vs. LSR | Hold times |
| Attention: vs. LSR | Method vs. Benchsheet |
| Phone: vs. LSR | Units vs. Benchsheet |
| Project Name & Number, PO Number vs. LSR | Reporting Limit vs. Benchsheet |
| Sample ID: vs. C.O.C. | Date Analyzed |
| Sample Type: vs. C.O.C. | Results vs. Benchsheet |
| Date/Time Sampled vs. C.O.C. | Qualifiers |
| Date/Time Received vs. C.O.C. | Primary vs. Secondary Results |
